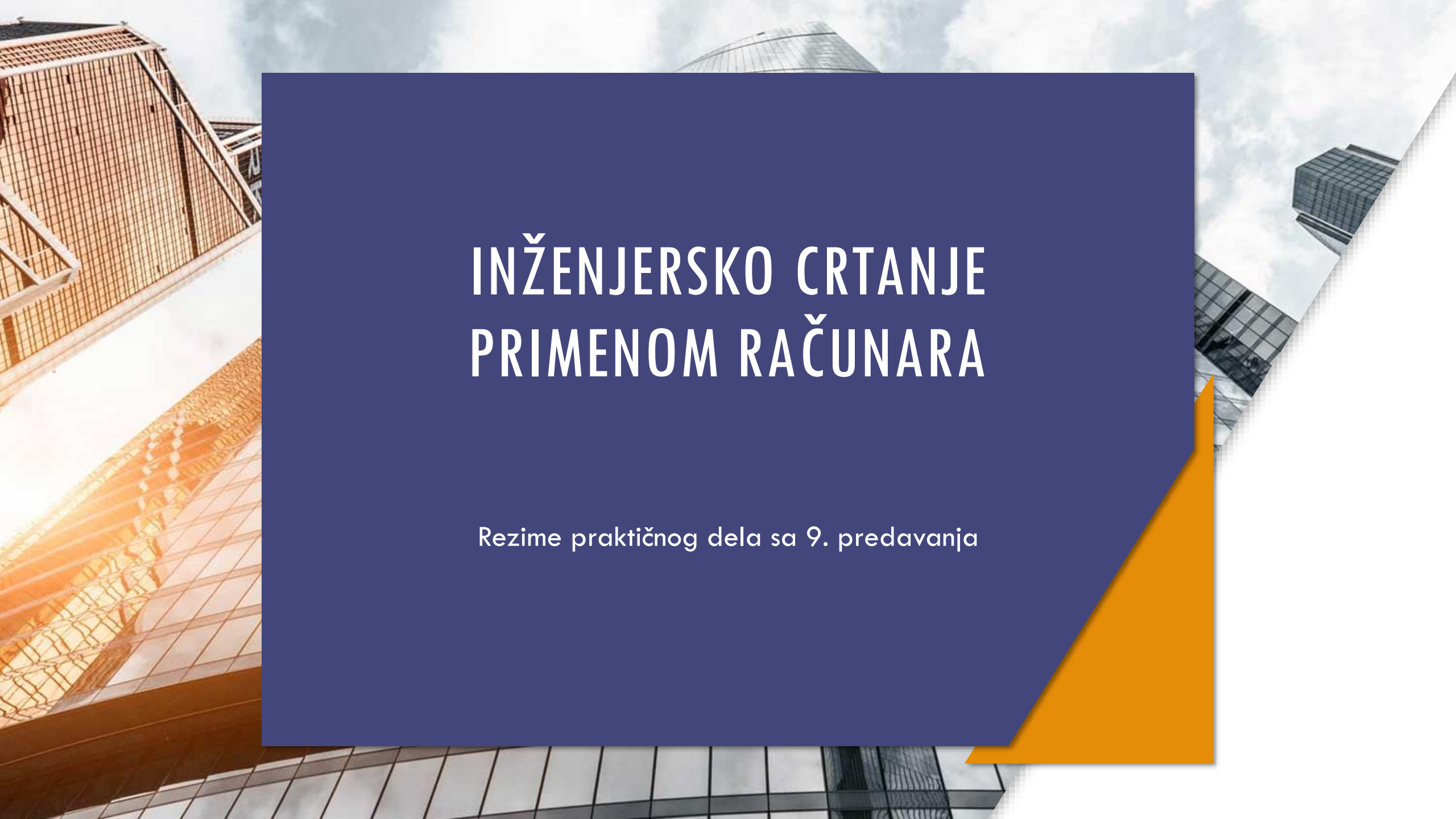




INŽENJERSKO CRTANJE PRIMENOM RAČUNARA

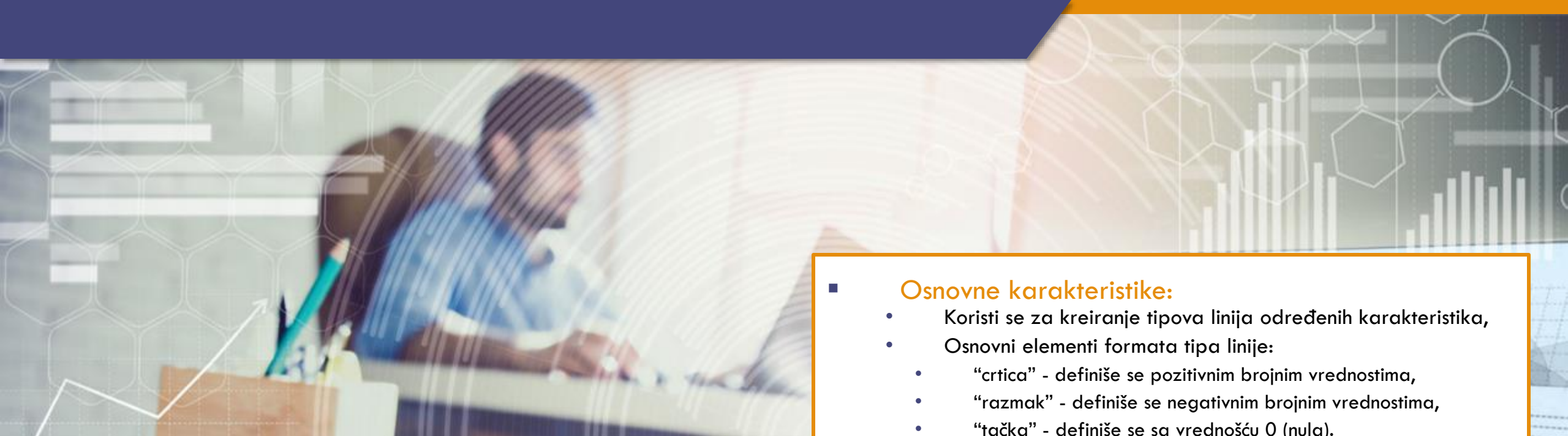
Rezime praktičnog dela sa 9. predavanja

SADRŽAJ

Pregled obrađenih tema i funkcija

- Kreiranje tipa linije
- Insertovanje priloga
- Kreiranje šrafure
- Kreiranje niza brojeva – numeracija, indeksiranje
- Kreiranje maske za tekst
- Insertovanje mapa u model
- Poređenje DWG fajlova
- Insertovanje tabela



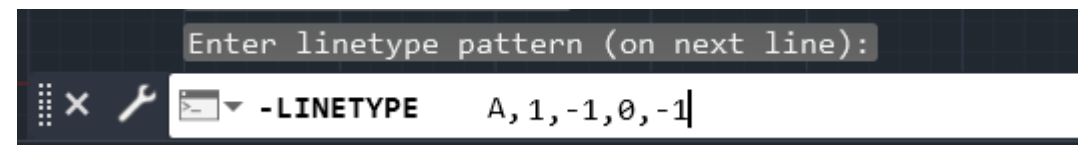
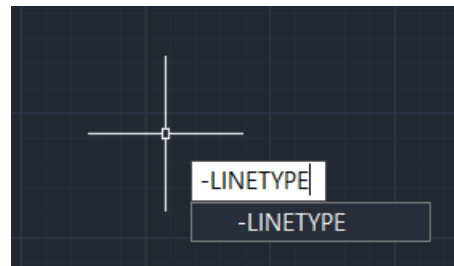


- **Osnovne karakteristike:**
 - Koristi se za kreiranje tipova linija određenih karakteristika,
 - Osnovni elementi formata tipa linije:
 - “crtica” - definiše se pozitivnim brojnim vrednostima,
 - “razmak” - definiše se negativnim brojnim vrednostima,
 - “tačka” - definiše se sa vrednošću 0 (nula).



KREIRANJE TIPRA LINIJE

Funkcija: -LINETYPE





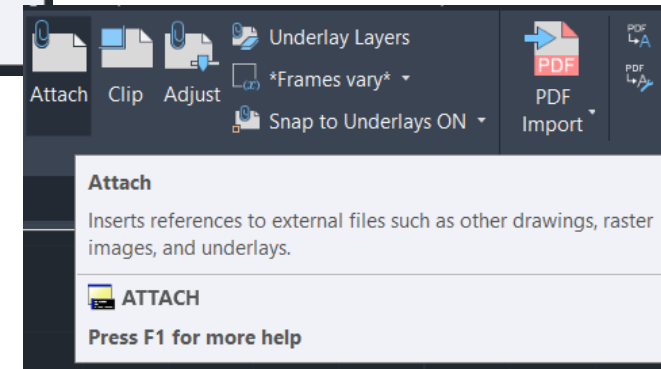
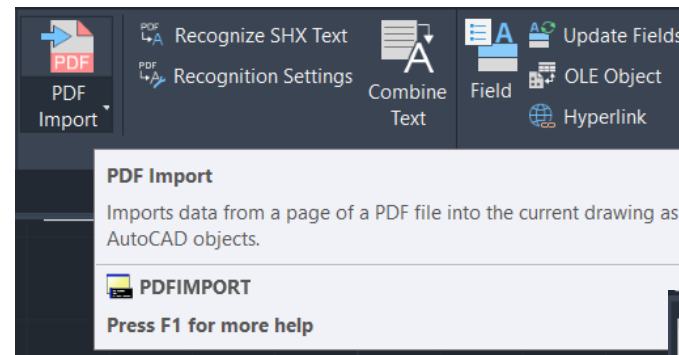
- **Osnovne karakteristike:**
 - Omogućuju insertovanje različitih sadržaja u model, poput PDF fajlova, rasterskih slika itd.



INSERTOVANJE PRILOGA

■ Tab: Insert

■ Funkcije: PDF Import, Reference->Attach



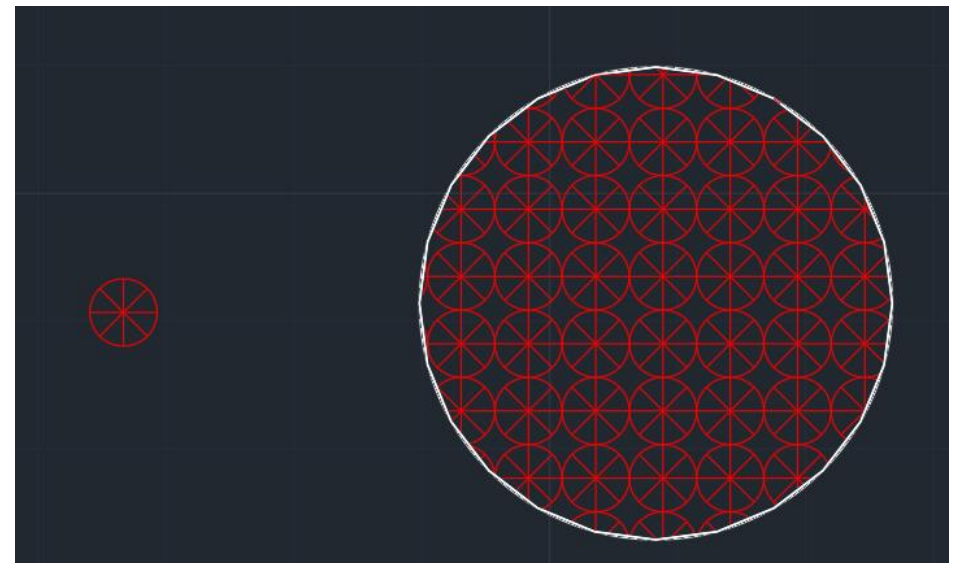
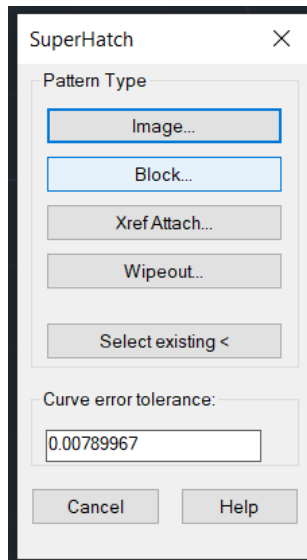
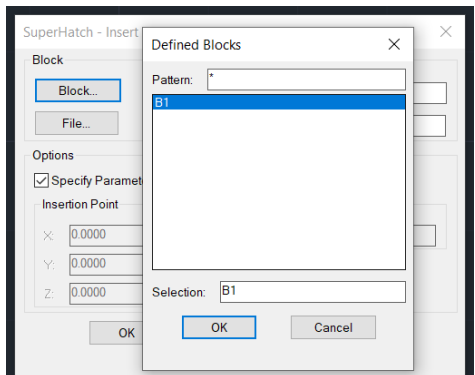
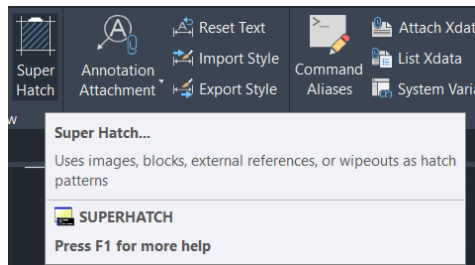


- **Osnovne karakteristike:**
 - Omogućuje kreiranje određene šrafure od unapred definisanih gradivnih elemenata, među kojima se najčešće koriste slike i blokovi.



KREIRANJE ŠRAFURE

- Tab: Express Tools
- Funkcija: Super Hatch





- **Osnovne karakteristike:**
 - Omogućava kreiranje određenog niza brojeva, numeracije, indeksa i sl., povezivanjem sa postojećim stringom (kao prefiks, sufiks, umesto postojećeg stringa...),
 - Kreiranje niza zasniva se na definisanju početne brojne vrednosti i fiksnog inkrementa, npr. <1,1>.



KREIRANJE NIZA BROJEVA NUMERACIJA, INDEKSIRANJE

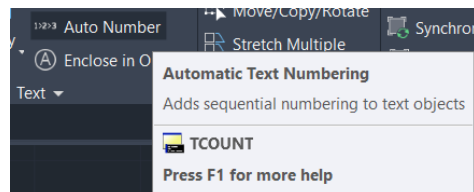
- Tab: Express Tools
- Paleta: Text
- Funkcija: Auto Number

A
A
A
A

```
Select objects: Specify opposite corner: 1 found  
Select objects:  
Sort selected objects by [X/Y/Select-order] <Select-order>: Y  
▼Specify starting number and increment (Start,increment) <1,1>:
```

A 1
A 2
A 3
A 4

```
Select objects:  
Sort selected objects by [X/Y/Select-order] <Y>: Y  
Specify starting number and increment (Start,increment) <1,1>:  
▼Placement of numbers in text [Overwrite Prefix Suffix Find&replace..] <Prefix>: S
```





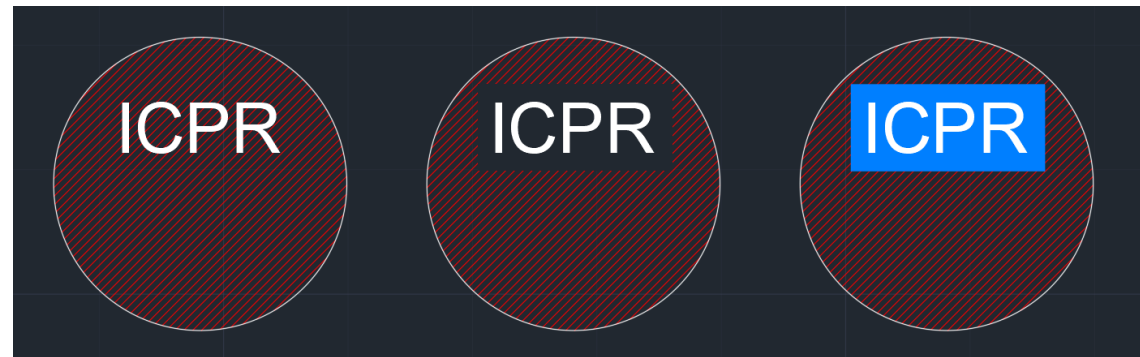
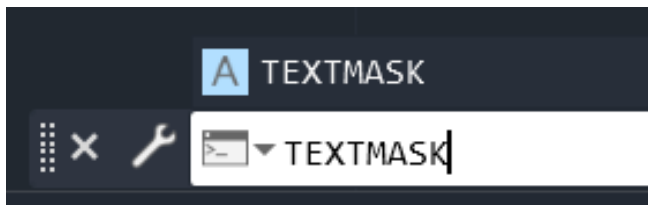
- **Osnovne karakteristike:**
 - Više različitih opcija
 - Maska može biti transparentna, u boji...

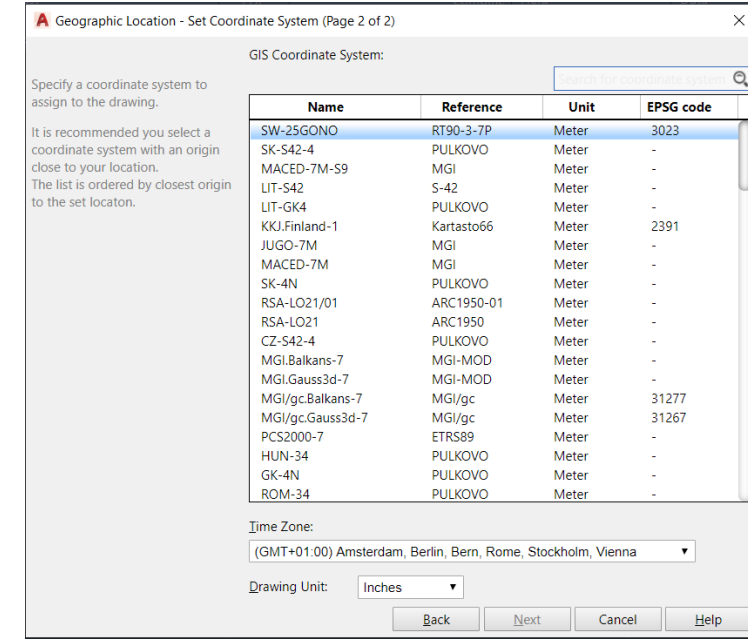
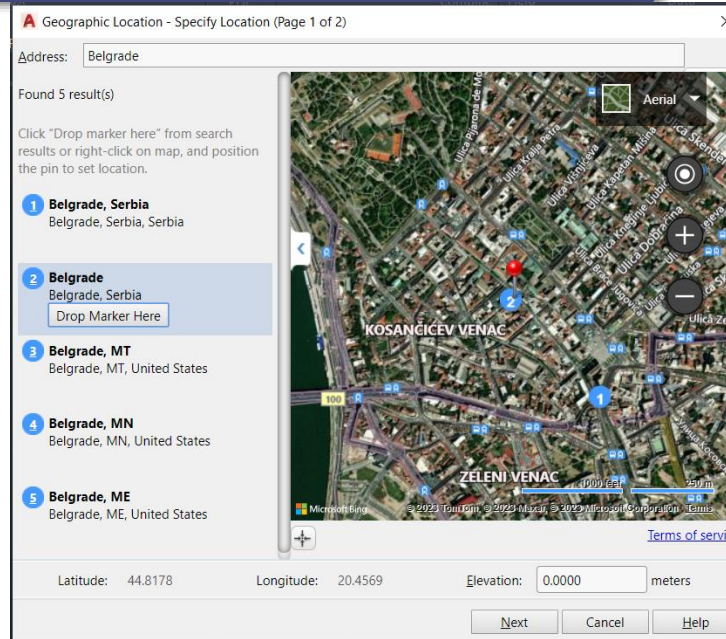
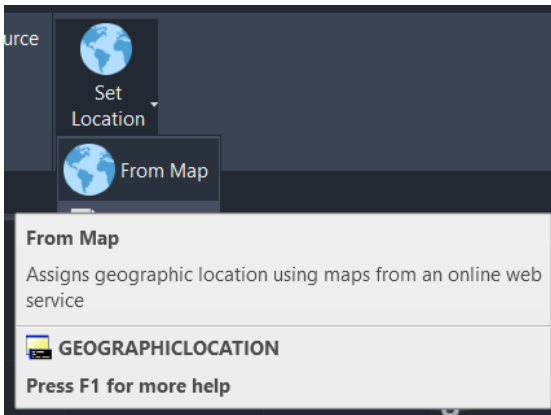


KREIRANJE MASKE ZA TEKST

Funkcija: TEXTMASK

```
Current settings: Offset factor = 0.3500, Mask type = Wipeout  
Select text objects to mask or [Masktype/Offset]: M  
Mask type currently set to Wipeout  
Specify entity type to use for mask [Wipeout 3dface Solid] <Wipeout>: W
```





Osnovne karakteristike:

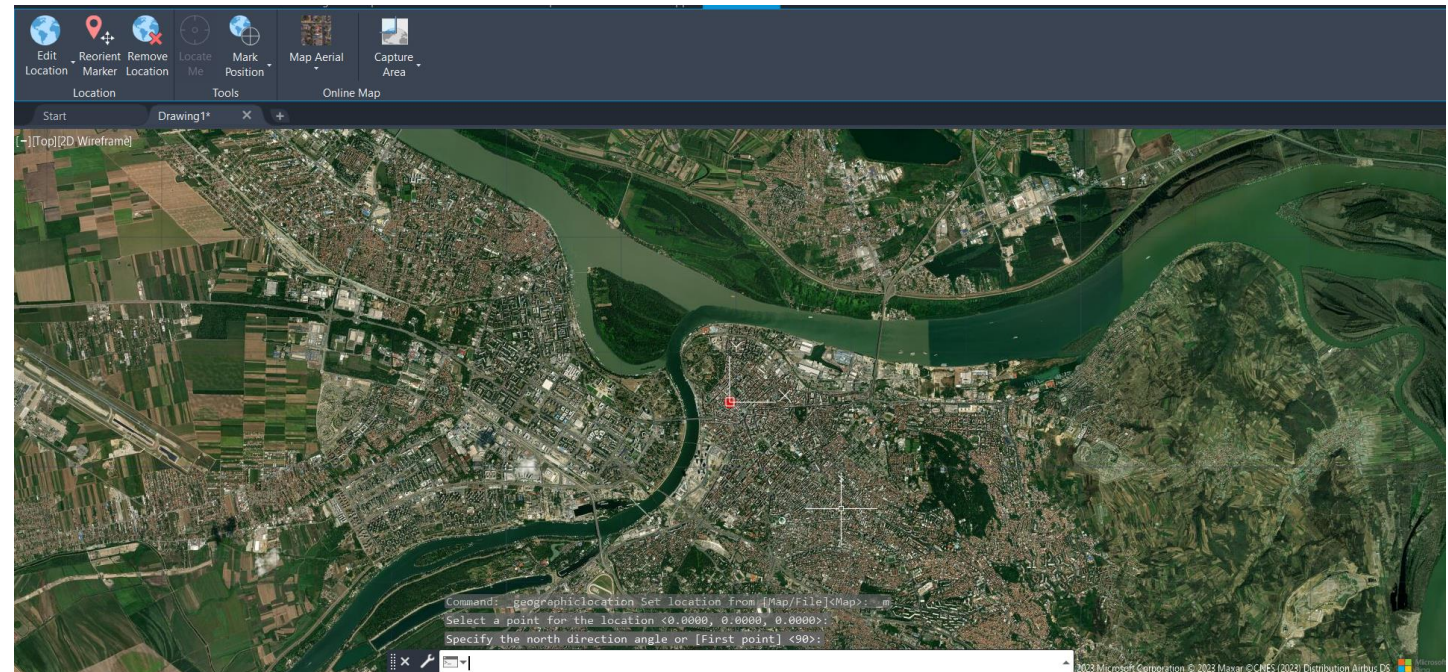
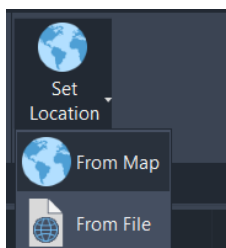
- Insertovanje offline ili online mapa



INSERTOVANJE MAPA U MODEL

Tab: Insert

Funkcija: Set Location



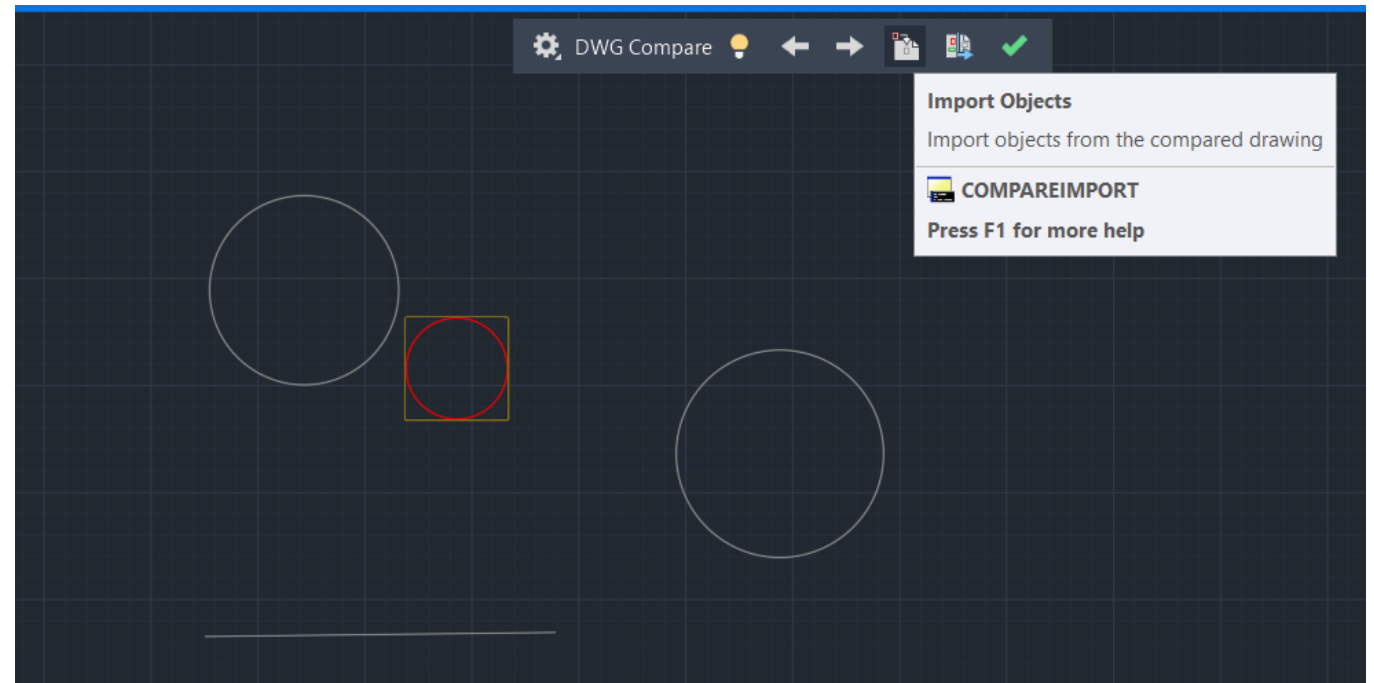
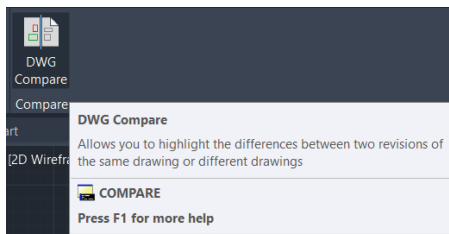


- **Osnovne karakteristike:**
 - Koristi se za poređenje dwg fajlova, odnosno crteža,
 - Omogućava editovanje crteža u skladu sa rezultatima poređenja



POREĐENJE DWG FAJLOVA

- Tab: Collaborate
- Funkcija: DWG Compare





- **Osnovne karakteristike:**
 - Rad sa tabelama,
 - Kreiranje i importovanje tabela,
 - Povezivanje sa Excel fajlovima.



INSERTOVANJE TABELA

- Tab: Annotate
- Paleta: Tables
- Funkcija: Table

Table
Creates an empty table object

A table is a compound object that contains data in rows and columns. It can be created from an empty table or a table style. A table can also be linked to data in a Microsoft Excel spreadsheet.

	A	B	C
1	A1	B1	C1
2	A2	B2	C2
3	A3	B3	C3
4	A4	B4	C4

AutoCAD

	A1	B1	C1
A1	B1	C1	
A2	B2	C2	
A3	B3	C3	
A4	B4	C4	

TABLE
Press F1 for more help

Insert Table

Table style: Standard

Insert options:
☒ Start from empty table
☐ From a data link
☐ From object data in the drawing (Data Extraction)

Insertion behavior:
☒ Specify insertion point
☐ Specify window

Column & row settings:
Columns: 5
Column width: 2.5000
Data rows: 3
Row height: 1 Line(s)

Set cell styles:
First row cell style: Title
Second row cell style: Header
All other row cell styles: Data

Preview:

Header	Header	Header
Data	Data	Data
Data	Data	Data
Data	Data	Data
Data	Data	Data
Data	Data	Data
Data	Data	Data
Data	Data	Data
Data	Data	Data

OK Cancel Help

	A	B	C	D	E
1					
2					
3					
4					
5					

REZIME PRAKTIČNOG DELA SA 9. PREDAVANJA

* Prezentacija sadrži ukratko prikazane funkcije i deo tema, koje su obrađene na praktičnom delu časa, u svom osnovnom obliku i studentima služi kao podsetnik.