In [54]:
```
# Priprema podataka
pokemon=[["Venusaur","Charizard","Blastoise","Butterfree","Beedrill","Pikachu","Raichu","Sandslash","Clefable",
         ["Grass Poison","Fire Flying","Water","Bug Flying","Bug Poison","Eletric","Electric Psychic","Ice Stee
         [2.4,1.7,1.6,1.1,1.4,0.4,0.7,1.2,1.3,1],
         [155.5, 100.5, 101.5, 32, 40.5,6,21,55,40,12],
         [281, 285, 284, 178, 223, 112, 243, 158, 217, 218]]

#Grananja
print("Izabrajte pokemon od 1 do 10: ")
N = max(int(input())-1%10,0)
if pokemon[4][N]>230:
    print(pokemon[0][N],"ima veliki Base EXP (",pokemon[4][N],"> 230 )")
else:
    print(pokemon[0][N],"ima mali Base EXP (",pokemon[4][N]," <= 230 )")

#Petlje
PokAVRAGE = 0
PokMIN = pokemon[4][0]
PokMAX = pokemon[4][0]
for i in range(len(pokemon[4])):
    PokAVRAGE+=pokemon[4][i]
    if PokMIN>pokemon[4][i]:
        PokMIN=pokemon[4][i]
    if PokMAX<pokemon[4][i]:
        PokMAX=pokemon[4][i]

print("\nProsjek EXP za Pokemon-a je",PokAVRAGE/len(pokemon[4]))
print("Minimum Base EXP pokemon-a je",PokMIN,"i maksimum je",PokMAX)

#Funkcije
def printPOKEMON(pok, j):
  print("\nPokemon:",pok[0][j],"\nType:",pok[1][j],"\nHeight:",pok[2][j],"\nWeight:",pok[3][j],"\nBaseEXP:",pok

print("\nIzabrajte pokemon od 1 do 10: ")
N = max(int(input())-1%10,0)
printPOKEMON(pokemon, N)

#Maaalo (puno) naprednije!

import plotly.express as px # Importing the important libery needed for defining a graph
import pandas as pd  # Importing the important libery needed for defining dataframes

POKE = pd.read_csv("pokemon_combined.csv") # Using pandas libery as pd to read the csv pokemon file
print("\nIzabrajte pokemon ID: ") # The program tells the user to pick a pokemon ID
N = max(int(input())-1,0) #Then the program saves the ID number that the user pick (also the ID can't be negati
df = pd.DataFrame(dict(
    r=[POKE.iloc[N].iloc[11], POKE.iloc[N].iloc[12], POKE.iloc[N].iloc[13], POKE.iloc[N].iloc[14], POKE.iloc[N]
    theta=["HP","Attack","Defense","SP.ATK","SP.DEF","Speed"]))
# The program defines df as the main dataframe then
# with the ID takes the stats of the Pokemon in the variable "r"
# After that it saves the title of the various axes shown in the variable "theta"
fig = px.line_polar(df, r='r', theta='theta', line_close=True) # Then it defines another variable used for the
fig.update_layout(title_text=POKE.iloc[N].iloc[0]+"'s Data Visualization") # The program updates the graph to a
fig.show() # After everything is done it draws the graph
```

```
Izabrajte pokemon od 1 do 10:
Venusaur ima veliki Base EXP ( 281 > 230 )

Prosjek EXP za Pokemon-a je 219.9
Minimum Base EXP pokemon-a je 112 i maksimum je 285

Izabrajte pokemon od 1 do 10:
Pokemon: Beedrill
Type: Bug Poison
Height: 1.4
Weight: 40.5
BaseEXP: 223

Izabrajte pokemon ID:
```

In [ ]:

In [ ]:

In [ ]: