



```
(34)5 = 35
enter value of n : 8
n(n-1)/2 = 28.0
enter value of r : 8
enter alias : 7
for 'r' = 7 , 4pi*r^2 = 615.7521601035994
enter value of r : 8
enter alpha value : 1
enter beta value : 2
for alpha = 1 for beta = 2
value of sqrt(r 1 (cos(alpha)^2) + r_1(sin(beta)^2)) = 3.501310684567612
enter value of y : 5
enter value of y : 5
enter value of x : 6
enter value of x : 6
enter value of x : 7
(y2-y1)/(x2-x1) = 4.0

... Program finished with exit code 0

Press ENTER to exit console.
```

```
3 #using for loop
    6- for a in range(5):
7    print(a , end="")
8    print("\n")
   11 - for b in range(3,10):
12 print(b , end="")
   13 print("\n")
   16 for c in range(4,13,3):
17 print(c , end "")
   18 print("\n")
  21 - for d in range(15,5,-2):
22 print(d, end="")
   25 print("\n")
  26 - for e in range(5,3):
27 print(e, end="")
∨ .′ .§
01234
                                                                                                                                            input
3456789
4710
15131197
```

...Program finished with exit code 0 Press ENTER to exit console.

```
SID-21107052
   2 #python program for finding molecular weight of a carbohydrate
                       ("enter no. of hydrogen atoms : "))
                       ("enter no. of carbon atoms : "))
   5 C atoms
   6 O atoms=int(input("enter no. of oxygen atoms : "))
     Oxygen mass=(0 atoms*15.9994)
  10 Hydrogen_mass=(H_atoms*1.00794)
  11 Carbon_mass (C_atoms*12.0107)
  14 total_mass=Oxygen_mass+Hydrogen_mass+Carbon_mass
  16 #printing mass of carbohydrate
  17 print("total molecular weight of carbohydrate is" , + total_mass)
Y / 3
enter no. of hydrogen atoms : 10
enter no. of carbon atoms : 5
enter no. of oxygen atoms : 2
total molecular weight of carbohydrate is 102.1317
... Program finished with exit code 0
Press ENTER to exit console.
```