```python
e= int(input("enter a decimal number:"))
t=bin(e)
f=t.replace("0b","")
print(f)
```

```
C:\Users\HP\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/HP/PycharmProjects/pythonProject1/main.py
enter a decimal number:5
101
```

```python
expression=input("enter the expression:")
print(eval(expression))
```

```
C:\Users\HP\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/HP/PycharmProjects/pythonProject1/main.py
enter the expression:36*42
1512
```

```python
import math
x=(3+4)*5
print(x)
n=int(input("enter a number:"))
y=(n*(n-1))/2
print(y)
r=int(input("enter the radius:"))
z=math.pi
m=4*z*r**2
Y2=int(input("enter the first number in numerator:"))
Y1=int(input("enter the second number in numerator:"))
X2=int(input("enter the first number in denominator:"))
X1=int(input("enter the second number in denominator:"))
print(Y2-Y1/X2-X1)
```

```
C:\Users\HP\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/HP/PycharmProjects/pythonProject1/main.py
35
enter a number:6
15.0
enter the radius:8
enter the first number in numerator:8
enter the second number in numerator:6
enter the first number in denominator:4
enter the second number in denominator:2
4.5
```

```python
for i in range(5):
    print(i)
for j in range(3,10):
    print(j)
    for q in range(4,13,3):
        print(q)
        for n in range(15,5,-2):
            print(n)
            for s in range(5,3):
                print(s)
```

```
C:\Users\HP\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/HP/PycharmProjects/pythonProject1/main.py
0
1
2
3
4
3
4
15
13
11
```

```
7
7
15
13
11
9
7
10
15
13
11
```

```
7
10
15
13
11
9
7
9
4
15
13
```
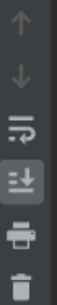
11

9

7

10

15

13

11

9

7

Process finished with exit code 0

```python
a = int(input("enter the number of carbon atoms:"))
b = int(input("enter the number of oxygen atoms:"))
c = int(input("enter the number of hydrogen atoms:"))
d = a * 12.0107 + b * 15.9994 + c * 1.00794
print("total weight of carbohydrate is:", d)
```

```
C:\Users\HP\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/HP/PycharmProjects/pythonProject1/main.py
enter the number of carbon atoms:10
enter the number of oxygen atoms:20
enter the number of hydrogen atoms:30
total weight of carbohydrate is: 470.33320000000003

Process finished with exit code 0
```