

Task 20

Deep Das

1. Write a Program where a user enters a password and it keeps on asking till it enter correct password using while loop.

Answer:

```
correct="admin123"
password=input("enter password : ")
while password!=correct:
    print("Wrong password.")
    password=input("entr again : ")
print("login sucessfull.")
```

2. Write a program to reverse a number using while loop.

Answer:

```
str=input("enter string : ")
index=0
rev=""
while(index!=len(str)):
    rev+=str[len(str)-index-1]
    index+=1
print("reversed string : ",rev)
```

3. WAP to print the number from 1-100 skipping multiples of 3.

Answer:

```
i=0
while(i<100):
    i+=1
    if i % 3== 0:
        continue
    print(i)
```

4. WAP to print a user input string skipping vowels.

Answer:

```
str=input("enter string : ")
i=-1
vowels="aeiouAEIOU"
while i<len(str)-1:
```

```
i+=1
if str[i] in vowels:
    continue
print(str[i],end=" ")
```

5. find sq. root of a given number using while-else.

Answer:

```
num=int(input("enter a number : "))
i=1
if num==1:
    print("square root is : 1")

while(i<num//2):
    if i*i==num:
        print("square root is : ",i)
        break
    i+=1
else:
    print("square root not found.")
```

6. find sum untill user input negative number using while-else.

Answer:

```
sum=0
i=int(input("enter a number : "))
while(i>0):
    sum+=i
    i=int(input("enter a number : "))
else:
    print("sum of the entered numbers is : ",sum)
```