

1. Write a program in python to find the sum of the even and odd digits of the number which is given as input. (e.g 5624 evenPlaceSum=5+2=7 oddPlaceSum = 6+4=10)

Program code:-

```
a=int(input("Enter a number: "));
s_e=0;
s_o=0;
i=1;
while a>0:
    d=a%10;
    if i%2==0:
        s_e=s_e+d;
    if i%2!=0:
        s_o=s_o+d;
    a=a//10;
    i=i+1;
print("Sum of even numbers is:",s_e);
print("Sum of odd numbers is:",s_o);
```

Output:-

```
IDLE Shell 3.9.5
File Edit Shell Debug Options Window Help
Python 3.9.5 (tags/v3.9.5:0a7dcbbd, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\india\Desktop\DM51F4247903_Rahul_Ghosh_Assignment_2\ques18.py
Enter a number: 5624
Sum of even numbers is: 7
Sum of odd numbers is: 10
>>> |
```

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Windows taskbar: Type here to search, taskbar icons, 9:48 AM 6/5/2021