

#while loop print numbers from 1-10

```
"""i=1
```

```
while i<=10:
```

```
    print(i)
```

```
    i=i+1
```

```
for i in range(3,22,2):
```

```
    print(i)
```

syntax-

```
for <variable> in <sequence>:
```

```
    body of for loop
```

```
for i in "python":
```

```
    print(i,end="#")
```

```
for i in range(3,0,-1):
```

```
    print(i)
```

```
i=0
```

```
while i<10:
```

```
    print(i)
```

```
    i= i+1
```

```
    if i==3:
```

```
        break
```

```
else:
```

```
    print("over")
```

```
"""
```

```
n=int(input("enter the number"))
```

```
for i in range(1,11):
```

```
    print( n*i)
```

H.W.

to print the sum of even and odd integers of first n natural numbers

to check whether the number is prime or not

```
n
```

```
1,n
```

```
for i in range(2,n):
```

```
    if n %i ==0:
```

```
        print(not prime)
```

```
        break
```