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# Forloop01.py

؛ (e.g.,

```
#Program to illustrate simple for loop
numbers = [1, 10, 20, 30, 40, 50]
sum = 0
# Find sum of all the numbers using for loop
for i in numbers:
    sum+=i
print ("The sum of numbers is", sum ) # print sum here

colors = ['red', 'orange', 'green', 'yellow', 'white', 'violet']

# Similarly ierate over the given colors and print the colors
for i in colors:
    print(i)
```

Q2

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#### PrintRange.py

```
#Program to illustrate simple range function

# take the input num from the user
num=int(input("num: "))

for i in range(1, num + 1, 2):
    print(i)

# print i
```

Q3

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### Multiplication.py

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MatrixTranspose.py
```

Q5

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## Perfectnum.py

ber or

Q6

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#### Multable 10.py

s

```
#Program to print value of pi 1 to 25 decimals
import math
pi = math.pi

# write your code here
n=int(input("n: "))
for i in range(1,n+1):
    print("{0:.{1}f}".format(pi,i))
```

```
∨ ValidExp.py
```

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