

python-2

September 7, 2024

```
[ ]: name1=input()
      name2=input()
      print("name1 says Hi to name2")
```

```
aruna
neha
name1 says Hi to name2
```

```
[ ]: rows, cols = (5, 5)
      arr = [[0]*cols]*rows
      print(arr)

      print()
```

```
[[0, 0, 0, 0, 0], [0, 0, 0, 0, 0], [0, 0, 0, 0, 0], [0, 0, 0, 0, 0], [0, 0, 0,
0, 0]]
```

```
[ ]: def linear_array(m,n):
      start=1
      mat=[]
      for i in range(m):
          row=[]
          for j in range(n):
              row.append(start)
              start+=1
          mat.append(row)
      print(mat)
```

```
[ ]: 5%10
```

```
[ ]: 5
```

```
[ ]: 5//10
```

```
[ ]: 0
```

```
[ ]: 4%8
```

[]: 4

[]: 3%7

[]: 3

[]: 128%10

[]: 8

[]: 12%10

[]: 2

[]: 128//10

[]: 12

[]: 12//10

[]: 1

```
[ ]: def main():
    tc = int(input())
    while tc > 0 :
        tc -= 1
        number = int(input())
        ans = int(0)
        while (number > 0):
            # Adding last digit
            ans += number % 10
            number = number // 10
        print(ans)
    return 0
```