

Assignment-3 Python

1. Using input() function take one number from the user and using ternary operators check whether the number is even or odd.

Answer:

```
num=int(input("Enter a number:="))
```

```
if(num%2==0):
```

```
    print("Number is Even")
```

```
else:
```

```
    print("Number is odd")
```

output:

```
Enter a number:= 86
```

```
Number is Even
```

2. Using input function take two number and then swap the number.

Answer:

```
n=int(input("Enter First Number:= "))
```

```
m=int(input("Enter Second Number:= "))
```

```
n,m=m,n
```

```
print("After swap First number",n)
```

```
print("After swap Second number",m)
```

output:

```
Enter First Number:=5
```

```
Enter Second Number:=7
```

```
After swap First number 7
```

```
After swap Second number 5
```

3. Write a Program to Convert Kilometers to Miles

Answer:

```
m=0.621371 #1KM=0.621371 miles
```

```
km=int(input("Enter Number You Want To Convert Miles :"))
```

```
n=km*m
```

```
print("Miles =",n)
```

output:

```
Enter Number You Want To Convert Miles :2
```

```
Miles = 1.242742
```

4. Find the Simple Interest on Rs. 500 for 3 years at 10% per year.

Answer:

```
#si=p*t*r/100
```

```
p=500
```

```
t=3
```

```
r=10
```

```
si=p*t*r/100
```

```
print("Simple Interest =",si)
```

output:

```
Simple Interest = 150.0
```

