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#Question 1
number = int(input("Enter a number: "))
result = "Even" if number % 2 == 0 else "Odd"
print(f"The number {number} is {result}.")
```

Enter a number: 12
The number 12 is Even.

```
#Question 2
a = int(input("Enter first number (a): "))
b = int(input("Enter second number (b): "))
print(f"Before swapping: a = {a}, b = {b}")
a, b = b, a
print(f"After swapping: a = {a}, b = {b}")
```

Enter first number (a): 21
Enter second number (b): 7
Before swapping: a = 21, b = 7
After swapping: a = 7, b = 21

```
#Question 3
kilometers = float(input("Enter distance in kilometers: "))
miles = kilometers * 0.621371
print(f"{kilometers} km is equal to {miles:.2f} miles.")
```

Enter distance in kilometers: 7.7
7.7 km is equal to 4.78 miles.

```
#Question 4
P = 200
T = 7
R = 7
simple_interest = (P * T * R) / 100
print(f"The Simple Interest on Rs. 200 for 5 years at 5% per year is Rs. {simple_interest}.")
```

The Simple Interest on Rs. 200 for 5 years at 5% per year is Rs. 98.0.