

Practice Questions

1. Question: Write a Python program that checks if a number entered by the user is greater than 50. Print "Above 50" if it is, otherwise print "50 or below".

Answer:

```
# Get user input
number = int(input("Enter a number: "))

# Conditional check
if number > 50:
    print("Above 50")
else:
    print("50 or below")
```

2. Question: Write a Python program that determines if a given number is even or odd. Print "Even" if the number is even, otherwise print "Odd".

Answer:

```
# Get user input
number = int(input("Enter a number: "))

# Conditional check
if number % 2 == 0:
    print("Even")
else:
    print("Odd")
```

3. Question: Create a Python program that checks if a person is eligible to vote. The eligibility criterion is that the person's age must be 18 or older. Print "Eligible" if the person is eligible, otherwise print "Not eligible".

Answer:

```
# Get user input
age = int(input("Enter your age: "))

# Conditional check
if age >= 18:
    print("Eligible")
else:
    print("Not eligible")
```

4. Question: Write a Python program that checks if a given number is between 10 and 20 (inclusive). Print "Within range" if it is, otherwise print "Out of range".

Answer:

```
# Get user input
number = int(input("Enter a number: "))

# Conditional check
if 10 <= number <= 20:
    print("Within range")
else:
    print("Out of range")
```

5. Question: Write a Python program that prints the largest of three numbers entered by the user.

Answer:

```
# Get user inputs
a = int(input("Enter the first number: "))
b = int(input("Enter the second number: "))
c = int(input("Enter the third number: "))

# Conditional check
if a >= b and a >= c:
    print("The largest number is", a)
elif b >= a and b >= c:
    print("The largest number is", b)
else:
    print("The largest number is", c)
```