```python
#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:  7
The number 7 is Odd.
```

```python
#Question 2
age = int(input("Enter your age: "))
if age >= 18:
    print("You are eligible to vote.")
else:
    print("You are not eligible to vote.")
```

```
Enter your age:  42
You are eligible to vote.
```

```python
#Question 3
year = int(input("Enter a year: "))
if (year % 4 == 0 and year % 100 != 0) or (year % 400 == 0):
    print(f"{year} is a leap year.")
else:
    print(f"{year} is not a leap year.")
```

```
Enter a year:  2025
2025 is not a leap year.
```

```python
#Question 4
num = float(input("Enter a number: "))
if num > 0:
    print("The number is positive.")
elif num < 0:
    print("The number is negative.")
else:
    print("The number is zero.")
```

```
Enter a number:  17.2
The number is positive.
```

```python
#Question 5
x = float(input("Enter first number: "))
y = float(input("Enter second number: "))
z = float(input("Enter third number: "))
if x > y and x > z:
    largest = x
elif y > z:
    largest = y
else:
    largest = z
print(f"The largest number is {largest}.")
```

```
Enter first number:  56.0
Enter second number:  87.6
Enter third number:  34.7
The largest number is 87.6.
```

Start coding or generate with AI.

Start coding or generate with AI.