

## **1. Compare Two Numbers**

Ask for two integers and print:

- "x is less than y"
  - "x is greater than y"
  - "x is equal to y"
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## **2. Positive, Negative, or Zero**

Ask for one integer and print:

- "Positive" if  $> 0$
  - "Negative" if  $< 0$
  - "Zero" if it is 0
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## **3. Even or Odd (No Function)**

Ask for a number and print "Even" or "Odd" using %.

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## **4. Even or Odd (With Function)**

Create:

- main()
  - is\_even(n) that returns True or False
- Use it to print "Even" or "Odd".
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## **5. Multiple of 3**

Ask for a number and print:

- "Multiple of 3" if divisible by 3
  - "Not a multiple of 3" otherwise
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## **6. Biggest of Three Numbers**

Ask for three integers and print the **largest** one.

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## 7. Simple Grade Program

Ask for a score and print:

- A, B, C, D, or F

Using:

```
if score >= 90:
```

```
elif score >= 80:
```

```
...
```

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## 8. Grade With Validation

If the score is less than 0 or greater than 100, print:

- "Invalid score"

Otherwise, print the grade.

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## 9. Equal or Not (Short Version)

Ask for two numbers and print:

- "Equal" if  $x == y$

- "Not equal" otherwise

Use only one if and one else.

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## 10. Divisible by 2 and 5

Ask for a number and print:

- "Divisible by both"

- "Not divisible by both"

Use and.