

### **Problem Statement**

Write a program to guess the next number:

If

$$1 = 0$$

$$2 = 1$$

$$3 = 1$$

$$4 = 3$$

$$5 = 1$$

$$6 = 6$$

$$7 = 1$$

$$8 = 7$$

$$9 = 4$$

$$10 = ?$$

### **Submission Deadline**

16th March 2020, Monday, 5 PM