

## Unit 2 - Week 0

Course outline
How does an NPTEL online course work?
Week 0
○ Quiz : Assignment 0
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
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Live Session

## Assignment 0

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

**Due on 2020-09-14, 23:59 IST.**

This assignment is not going to be counted towards your final score.

1) Every integer is either even or odd.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
True

2) If  $n$  is an odd integer then  $n^2$  is also odd.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
True

3) The set  $\mathbb{N}$  of natural numbers is a finite set.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False

4) Every integer is a rational number.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
True

5) There exist rational numbers which are not integers.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
True

6) If a real number is not rational then it is an irrational number.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
True

7) This course is for 8 weeks.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False

8) The number  $n!$  is even for every natural number  $n$ .

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False

9) The binomial coefficient  $\binom{4}{2}$  is equal to 2.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False

10) The numbers  $a^2 + b^2$  and  $(a + b)^2$  are never the same.

1 point

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False