# ASSIGNMENT 4.6

## 5.PROBLEM STATEMENT

### 1. A recent nation study showed that approximately 44.7% of college students have used Wikipedia as a source in at least one of their term papers. Let X equal the number of students in a randon sample of size n= 31 who have used Wikipedia as a source.

Perform the below functions

1. Find the probability that X is equal to 17

Ans:- Probability(x=17)

1. Find the probability that X is at most 13

Ans:-Probability(x>13)

1. Find the probability that X is bigger than 11.

Ans:-Probability(x>11)

1. Find the probability that X is at least 15

Ans:-Probability (x = 15)

1. Find the probability that x is between 16 and 19, inclusive

Ans:-Probability (x= 16 and 19)