Assignments for session on "Exploratory Data Analytics"

```
> #a. Find the probability that X is equal to 17
> dbinom(17,size = 31,prob = 0.447)
[1] 0.07532248
>
> #b. Find the probability that X is at most 13
> pbinom(13,size = 31,prob = 0.447)
[1] 0.451357
>
> #c. Find the probability that X is bigger than 11.
> pbinom(11,size = 31,prob = 0.447,lower.tail = F)
[1] 0.8020339
>
> #d. Find the probability that X is at least 15.
> pbinom(14,size = 31,prob = 0.447,lower.tail = F)
[1] 0.406024
>
> #e. Find the probability that X is between 16 and 19, inclusive
> sum(dbinom(16:19,size = 31,prob = 0.447))
[1] 0.2544758
```