Section 4 Practice Assignment

Question 1: Find the mean of the following values of volumes:

151.2, 150.5, 149.2, 147.5, 152.9, 152.0, 151.3, 149.7, 149.4, 150.7

Question 2: Create a vector with name as **df** containing the odd numbers between 4 and 500.(starting with 5 and ending with 499)

Question 3:

What will be result of the following code

```
num.a <- c(1,2,4,6,7)
num.a[5]
```

Question 4:

What will be result of following code: Choose between two answer options.

```
stu.hours <- c(20,24,46,62,22,37,45,27,65,23)
stu.matrix <- matrix(stu.hours, nrow=5)
stu.matrix
```

Answer option A:

```
##      [,1] [,2]
## [1,]   20   24
## [2,]   46   62
## [3,]   22   37
## [4,]   45   27
## [5,]   65   23
```

Answer Option B

```
##      [,1] [,2]
## [1,]   20   37
## [2,]   24   45
## [3,]   46   27
## [4,]   62   65
## [5,]   22   23
```

Question 5: Create a data frame using below two vectors.

```
stu.hours <- c(20,24,46,62,22,37,45,27,65,23)
stu.marks <- c(40,55,69,83,27,44,61,33,71,37)
```