

```
1 setwd("F:\\SLIIT\\Y2S1\\PS\\Lab_8")
2
3 #Q1
4 punif(25, min = 0, max = 40, lower.tail = TRUE) - punif(10, min = 0, max = 40, lower.tail = TRUE)
5
6
7 #Q2
8 pexp(2, rate = 1/3, lower.tail = TRUE)
9
10 #Q3-1
11 1 - pnorm(130, mean = 100, sd = 15, lower.tail = TRUE)
12
13 #Q3-2
14 qnorm(0.95, mean = 100, sd = 15)
15 |
```

15:1 (Top Level) R Script

```
> setwd("F:\\SLIIT\\Y2S1\\PS\\Lab_8")
> #Q1
> punif(25, min = 0, max = 40, lower.tail = TRUE) - punif(10, min = 0, max = 40, lower.tail = TRUE)
[1] 0.375
> #Q2
> pexp(2, rate = 1/3, lower.tail = TRUE)
[1] 0.4865829
> #Q3_1
> 1 - pnorm(130, mean = 100, sd = 15, lower.tail = TRUE)
[1] 0.02275013
> #Q3-2
> qnorm(0.95, mean = 100, sd = 15)
[1] 124.6728
> |
```