ID No: IT24101677

Lab sheet 7

```
 1  setwd("C:\\Users\\ramod\\OneDrive\\Desktop\\Lab  7")
 2
 3  #1
 4  punif(25, min=0, max=40, lower.tail=TRUE) - punif(10, min=0, max=40, lower.tail=TRUE)
 5
 6  #2
 7  pexp(2, rate=1/3, lower.tail=TRUE)
 8
 9  #3
10  #i
11  1-pnorm(130, mean=100, sd=15)
12
13  #ii
14  qnorm(0.95, mean=100, sd=15)
15
```

Console Terminal × Background Jobs ×

R ▾ R 4.5.1 · C:/Users/ramod/OneDrive/Desktop/Lab 7/

```
> setwd("C:\\Users\\ramod\\OneDrive\\Desktop\\Lab  7")
> #1
> punif(25, min=0, max=40, lower.tail=TRUE) - punif(10, min=0, max=40, lower.tail=TRUE)
[1] 0.375
> #2
> pexp(2, rate=1/3, lower.tail=TRUE)
[1] 0.4865829
> #3
> #i
> 1-pnorm(130, mean=100, sd=15)
[1] 0.02275013
> #ii
> qnorm(0.95, mean=100, sd=15)
[1] 124.6728
>
```