

```
Untitled1.R
1 setwd("C:\\Users\\USER\\Desktop\\IT24101239")
2 #1)
3 punif(25,min=0,max=40,lower.tail = TRUE) - punif(10,min=0,max=40,lower.tail = TRUE)
4
5 #2)
6 pexp(2, rate = (1/3), lower.tail = TRUE)
7
8 #3)
9 #i)
10 1 - pnorm(130, mean = 100, sd = 15, lower.tail = TRUE)
11
12 #ii)
13 qnorm(0.95, mean = 100, sd = 15, lower.tail = TRUE)
14
15

14:1 (Top Level)

Console Terminal Background Jobs
R 4.5.1 · C:/Users/USER/Desktop/IT24101239/
> setwd("C:\\Users\\USER\\Desktop\\IT24101239")
> #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, lower.tail = TRUE)
[1] 0.02275013
> #ii)
> qnorm(0.95, mean = 100, sd = 15, lower.tail = TRUE)
[1] 124.6728
> |
```