

INPUT

```
# Lab7_PS - IT24102704 - Exercise

setwd("C:\\Users\\daham\\Desktop\\ps\\IT24102704")

#1
punif(25,min=0,max=40,lower.tail = TRUE) - punif(10,min=0,max=40,lower.tail = TRUE)

#2
pexp(2,rate = 0.33,lower.tail = TRUE)

#3
#i
pnorm(130, mean = 100, sd= 15 , lower.tail=FALSE)

#ii
qnorm(0.95,mean = 100, sd= 15 , lower.tail=TRUE)
```

OUTPUT

```
> # Lab7_PS - IT24102704 - Exercise
>
> setwd("C:\\Users\\daham\\Desktop\\ps\\IT24102704")
>
> #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 = 0.33,lower.tail = TRUE)
[1] 0.4831487
>
> #3
> #i
> pnorm(130, mean = 100, sd= 15 , lower.tail=FALSE)
[1] 0.02275013
>
> #ii
> qnorm(0.95,mean = 100, sd= 15 , lower.tail=TRUE)
[1] 124.6728
> |
```