IT24103549

Exercise

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#Exercise
#Q1
punif(25,min = 0,max = 40,lower.tail = TRUE) - punif(10,min = 0,max = 40,lower.tail = TRUE)

#Q2
pexp(2,rate = 1/3,lower.tail = TRUE)

#Q3.1
pnorm(130,mean = 100,sd = 15,lower.tail = FALSE)
1-pnorm(130,mean = 100,sd = 15,lower.tail = TRUE)

#Q3.2
qnorm(0.95,mean = 100,sd = 15,lower.tail = TRUE)
```

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>
> punif(25,min = 0,max = 40,lower.tail = TRUE) - punif(10,min = 0,max = 40,lower.tail = TRUE)
[1] 0.375
>
> pexp(2,rate = 1/3,lower.tail = TRUE)
[1] 0.4865829
>
> pnorm(130,mean = 100,sd = 15,lower.tail = FALSE)
[1] 0.02275013
> 1-pnorm(130,mean = 100,sd = 15,lower.tail = TRUE)
[1] 0.02275013
>
> qnorm(0.95,mean = 100,sd = 15,lower.tail = TRUE)
[1] 124.6728
>
```