IT24101759

Wickramasinghe A.H

```
 4   #part 01
 5   punif(25,min=0,max = 40,lower.tail = TRUE) -punif(10,min=0,max = 40,lower.tail = TRUE)
 6
 7   #part 02
 8   pexp(2,rate = 0.33,lower.tail = TRUE)
 9
10   #part 03
11   #1.
12   1-pnorm(130,mean =100,sd=15,lower.tail = TRUE)
13
14   #2.
15   qnorm(0.95,mean = 100,sd =15,lower.tail = TRUE)
16
```

```
> #part 01
> punif(25,min=0,max = 40,lower.tail = TRUE) -punif(10,min=0,max = 40,lower.tail = TRUE)
[1] 0.375
> #part 02
> pexp(2,rate = 0.33,lower.tail = TRUE)
[1] 0.4831487
> #part 03
> #1.
> 1-pnorm(130,mean =100,sd=15,lower.tail = TRUE)
[1] 0.02275013
> #2.
> qnorm(0.95,mean = 100,sd =15,lower.tail = TRUE)
[1] 124.6728
>
```