

Sri Lanka Institute of Information Technology



Lab Submission
Lab Sheet 07

IT24102709

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Probability and Statistics - IT2120

B.Sc. (Hons) in Information Technology

Screen shots

```
[1] 124.6728
> ###Exercise
> ##Q1
> punif(25,min=0,max = 40,lower.tail = TRUE)-punif(10,min=0,max = 40,lower.tail = TRUE)
[1] 0.375
> ##Q2
> pexp(2,rate=1/3,lower.tail = TRUE)
[1] 0.4865829
> ##Q3
> #1).
> pnorm(130,mean = 100,sd=15,lower.tail = FALSE)
[1] 0.02275013
> #2
> qnorm(0.95,mean=100,sd=15,lower.tail = TRUE)
[1] 124.6728
```