Sri Lanka Institute of Information Technology

Lab Submission
<Lab sheet No 07>

<IT 24 1033 21>

<Lokuge A.H.>

Probability and Statistics - IT2120

B.Sc. (Hons) in Information Technology

Exercise:

```
> setwd("D:\\2nd Year\\1st Semester\\Probability and Statistics - IT2120\\Lab\\IT 24103321")
> 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
> 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
>
```