

## Probability and Statistics - IT2120

### Labsheet 07

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```
1 setwd("C:\\Users\\malsh\\Desktop\\IT24101981")
2
3
4 punif(25, min = 0, max = 40) - punif(10, min = 0, max = 40)
5
6
7 pexp(2, rate = 1/3, lower.tail = TRUE)
8
9 |
10 pnorm(130, mean = 100, sd = 15, lower.tail = FALSE)
11
12
13 qnorm(0.95, mean = 100, sd = 15, lower.tail = TRUE)
```

```
> setwd("C:\\Users\\malsh\\Desktop\\IT24101981")
>
>
> punif(25, min = 0, max = 40) - punif(10, min = 0, max = 40)
[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
>
>
> qnorm(0.95, mean = 100, sd = 15, lower.tail = TRUE)
[1] 124.6728
> |
```