**IT24101767**

**LAB 06 – PS**

1)

i) X∼Binomial(44,0.92)

A screenshot of a computer code

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2)

i) Random variable: X = number of babies born per day

ii) X∼Poisson(5), where λ=5 (the average number of babies born per day).

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Description automatically generated

EXERCISE

1)

i. X∼Binomial(50,0.85)

ii.

A computer screen shot of a computer code

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2)

i) X = Number of customer calls received in an hour.

ii) X∼Poisson(12), where λ=12\lambda = 12λ=12 (the average number of calls per hour).

iii)

A close-up of a message

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