**LAB 6-IT24102105**

**Exercise**

**1)**

**i) What is the distribution of X?**

Binomial Distribution

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**ii) What is the probability that at least 47 students passed the test?**



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**2)**

**i) What is the random variable (X) for the problem?**

The random variable X represents the number of customer calls the call center receives in an hour.

**ii) What is the distribution of X?**

poison distribution

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**iii) What is the probability that exactly 15 calls are received in an hour?**

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