COMP9334 Revision Questions for Week 5B₋₂

Question 1

The Weibull distribution with parameters α and β has a cumulative probability function $F(x) = 1 - \exp(-\alpha x^{\beta})$. Write a computer program to generate random numbers that have a Weibull distribution with $\alpha = 5$ and $\beta = 6$. Verify by using a histogram that the numbers that you have generated do have a Weibull distribution.

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