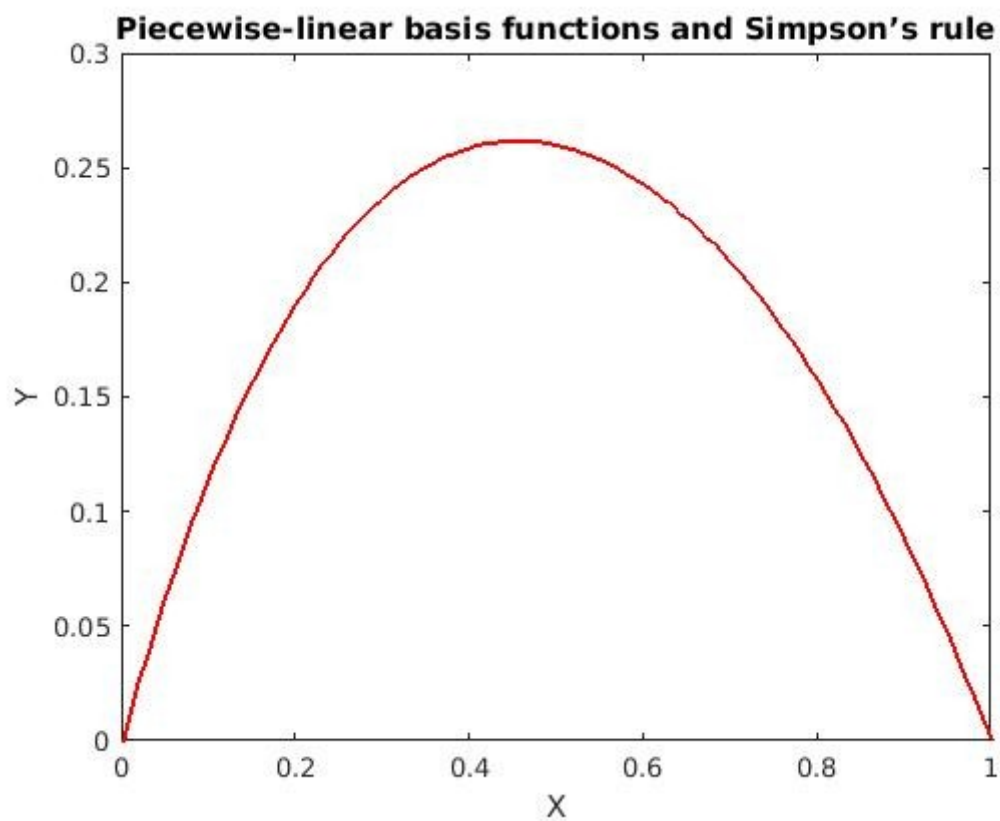


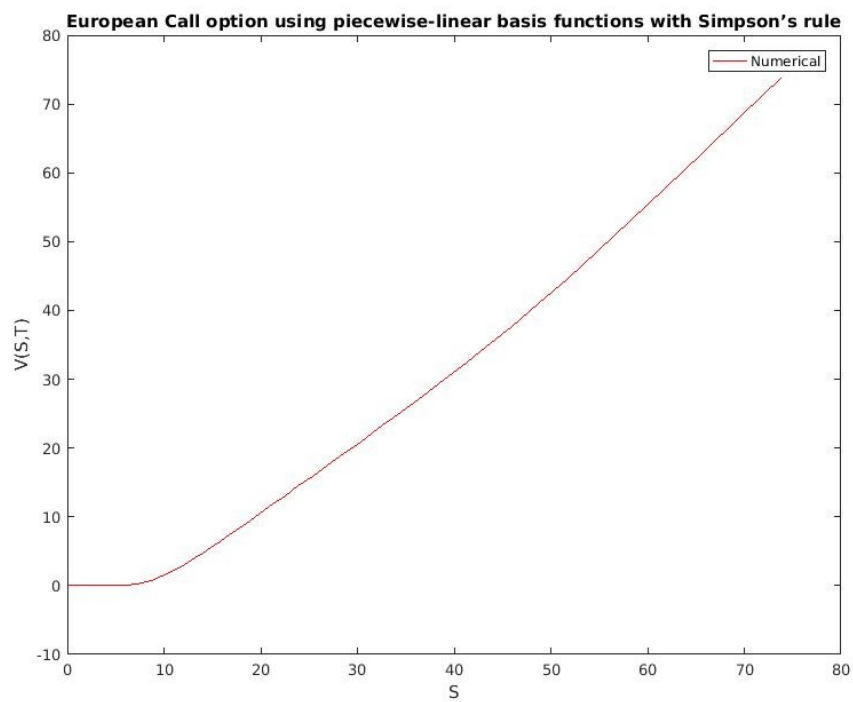
# LAB 08

**Aman Kumar**  
**200123007**

**Question 1:**  
**Answer:**



**Question 2:**  
**Answer:**



**Piecewise-linear basis functions with the Simpsons rule and the Crank-Nicolson scheme**

