EEE 208 – Programming for EEE
Homework #3

Consider the function below:

$$f(x) = \begin{cases} -(x+1)^2 + 2 & if \ \ x < -2 \\ x^2 & if \ -2 \le x \le 1 \\ x+2 & if \ \ 1 \le x < 3 \\ \sqrt{2x+3} & if \ \ x \ge 3 \end{cases}$$

Define this function for $x \in [-5,5]$ with the step size of 0.02, plot the function f(x) versus x using star markers and dot dashed lines.