Question 1:

Plot the following functions:

- $Y = \frac{1}{x^2}, x\epsilon \ [0.1\ , 3]$. With a red dash-dot line.
- $Y = \cos(x) + \frac{1}{2} \times \sin(x) \ x\epsilon \ [0\ , 2\pi]$. With blue dashed line.
- $Y = x^3 + 7x-1, \ x\epsilon \ [0\ , 10]$. With black solid line.

Question 2:

Plot the following function as shown in figure 1.

$$y1 = \cos(2x), y2 = \sin(2x), y3 = x^2$$