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.

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