1. What is the present value of a $100 payment post-dated 10 years, given an interest rate of
   a) 5%
   b) 7%
   c) 10%

2. What is the present value of a stream of $100 payments, made at the end of each of the next 5 years,
   given interest rates of
   a) 5%
   b) 10%

3. A new wind turbine costs $2 million. It generates savings of $350K per year, for each of the next 20
   years. After 20 years it turns to dust and blows away. What is the Net Present Value of this turbine
   given an interest rate of
   a) 5%
   b) 10%

4. A new biomass plant costs $1 million (upfront), but lowers fuel expenses by $200K per year. It last
   for 10 years. After 10 years, there is a “scrapping” charge of $300K to pay someone to haul it off to the
   dump. Calculate the net present value of this project, for interest rates of
   a) 5%
   b) 10%