Labwork – for loop

- Please use for loops to solve the following problems

1. Write a complete C++ program that does the following.
   - It asks the user to enter their age (which is assumed to be a positive integer).
   - The program should print the word Hello once for each year of the user’s age.
   Here is an example of how the program should work:
   Enter your age: 5
   Hello Hello Hello Hello Hello

2. The program calculates and prints out $x^5$. (DO NOT USE pow() )

3. Print out all odd numbers from 1 to 500. (8 numbers per line)