3-John the Robot *(required time:15min)*

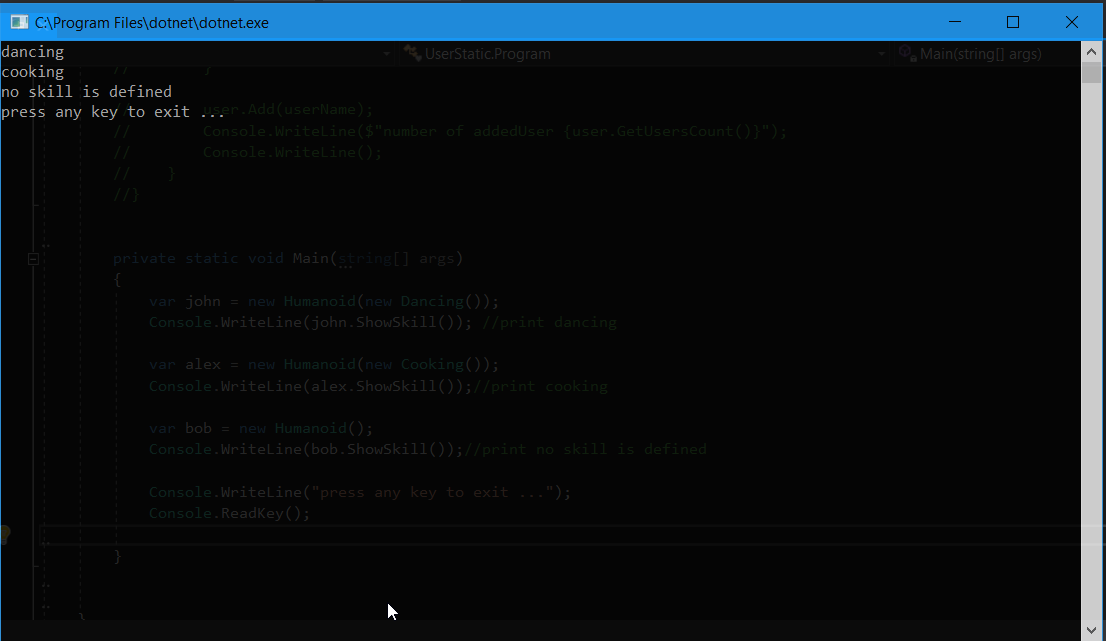
*this question should be answered with c#*

Our technical team made a new robot. You are given a task to write a program to let the robot learn and show the new skills. Below is the code that your boss gave you and you are going to implement **Humanoid** class to return a result as shown in the picture below.

#### You can’t change the code below.

|  |
| --- |
| private static void **Main**(string[] args)  {  var john = new Humanoid(new Dancing());  Console.**WriteLine**(john.**ShowSkill**()); *//print dancing*  var alex = new Humanoid(new Cooking());  Console.**WriteLine**(alex.**ShowSkill**());*//print cooking*  var bob = new Humanoid();  Console.**WriteLine**(bob.**ShowSkill**());*//print no skill is defined*  } |

Output of your program should be as bellow



# Answer

Please find my answer in the attached code.