COMP2021
Assignment 2 22101071D ZhuJinShun
Q2
Task 2
This code compiles and executes ouccessfully.
Output: Thor is now a level 2 warrior.
Task 3
This code does not compile because class Hero is on abstract
class where instances of abstract classes cont be created directly,
The code will result in a compilotion error
Touck 4
This code compiles and executes successfully.
Output: Thor affacks Althea. Does 5 damage.
Task J
This code does not compile because voriable wornior is
declared as type Womior, so we con't assign Healer to it.
Task 6
This codes compiles and executes successfully.
Output:
Thur attacks Thor. Does 5 damage
Thur attacks Thur. Does S damage Althea heals Althea by O points
Tack 7
This code compiles and executes successfully. This code compiles
but it has a runtine expection. As it create new Worrior object
Butput: but assign it as type Hero, the hero object is on
Thor attacks there Does & domage instance of Warrior so
i'l con compile, But when do Action (), it uses do Action ()
Method from hero instead of the method in Warrior which leads to Mul When enging to access properties.