Login to matrix and create a file called “quiz6.txt”.

Answer the following questions and when done enter the following command:

~fardad.soleimanloo/submit oopq6 <ENTER>

1- This function returns the largest integer in an array:  
  
int max(int a[],int size) {

int theMax = a[0];

int i;

for (i = 1; i < size; i++) {

if (theMax < a[i]) {

theMax = a[i];

}

}

return theMax;

}

Convert this function to a template so it can find the largest of any object in an array. Document what features the object must have to be able to work with the template.

2- Name the four different types of polymphism and name one example for each type.