1. Write a PHP script to sort the following associative array :

array(Sophia=>31,Jacob=>41,William=>39,Ramesh=>40) in

a) ascending order sort by value

b) ascending order sort by Key

c) descending order sorting by Value

d) descending order sorting by Key

3- Write a PHP script to calculate and display average temperature, five

lowest and highest temperatures.

Recorded temperatures : 78, 60, 62, 68, 71, 68, 73, 85, 66, 64, 76, 63, 75,

76, 73, 68, 62, 73, 72, 65, 74, 62, 62, 65, 64, 68, 73, 75, 79, 73

Expected Output :

Average Temperature is : 70.6

List of seven lowest temperatures : 60, 62, 63, 63, 64,

List of seven highest temperatures : 76, 78, 79, 81, 85,

4- Write a php variable to calculate occurrences of value in array, example of

array (a,b,c,d,a,a,a,b,b,d,d,c,c,c,c);

5- Write a PHP script to generate unique random numbers within a range   
*Sample Range*: (11, 30)  
*Sample Output* : 17 16 13 20 14 19 18 15 11 12

6- make password generator , that generate password from three array, all letters ,numbers, special characters your password should cover the following patterns:

1. 9 characters
2. Start with upper case
3. Contain a number letter special character
4. No character duplicates

7- micro time to print numbers

8-Write a code that re- writes the following array

Array(array1(“id”=>22,

“name”=>"salameh”,

Depatment=>"IT”),

array2 (“id”=>33,

“name”=>"Anas”,

Depatment=>"sales”),

array3 (“id”=>44,

“name”=>"ahamd”,

Depatment=>"hr”),

);

Such that you group the “id” in an array , name in another one , and department in the last one. The resulting array must be dimensional array.