

تمرين 1

```
static void Main(string[] args)
{
    string[] name=new string[20] ;
    for (int i = 0; i < 20; i++)
    {
        Console.WriteLine("Enter name {0}", (i + 1));
        name[i] = Console.ReadLine();
    }
    Array.Sort(name);
    for (int i = 0; i < 20; i++)
    {
        Console.WriteLine("Group{0,2}: {1} ,{2}", i/2+1, name[i],
name[i + 1]);
        i++;
    }
}
```

تمرين 2

```
static void Main(string[] args)
{
    string strtext,newtext="",buffer="";
    int after=0,before=0,finish=0;
    strtext = Console.ReadLine();
    while (finish== 0)
    {
        before = after;
        after = strtext.IndexOf(' ',before+1);
        if (after == -1)
        {
            after = strtext.Length - 1;
            finish = 1;
        }
        for(int i = before; i < after; i++)
            buffer = buffer + strtext[i];
        newtext =buffer+" "+newtext;
    }
}
```

```
        buffer="";
    }
    Console.WriteLine(newtext);
}
```

تمرین 3

```
static void Main(string[] args)
{
    string[] name=new string[30];
    string[] research=new string[10];

    for (int i = 0; i < 30; i++)
    {
        Console.WriteLine("Enter name {0}", (i + 1));
        name[i] = Console.ReadLine();
    }
    Array.Sort(name);
    Console.WriteLine("-----research list student-----");
    for (int i = 0; i < 10; i++)
    {
        Console.WriteLine("{0}: {1} ", i + 1, name[i]);
        research[i] = name[i];
    }
}
```

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جعفری هنرستان مطهره ناحیه دو استان مرکزی