

```
#include <stdio.h>
```

```
#include <string.h>
```

```
#include <iostream>
```

```
using namespace std;
```

```
main(){
```

```
    int i, j, a, k, m;
```

```
    char nm[5][20], temp[40];
```

```
    cout<<"Inputkan 5 Nama\n";
```

```
    for (i=1;i<=5;i++)
```

```
    { cout<<"Input nama ke-"<<i<<" = ";gets(nm[i]);
```

```
        if (i>1)
```

```
        { for (j=1;j<=(i-1);j++)
```

```
            { a=(strcmp(nm[i], nm[j]));
```

```
                if (a<=0)
```

```
                { strcpy (temp, nm[i]);
```

```
                    for (k=(i-1);k>=j;k--)
```

```
                    { m=(k+1);
```

```
                        strcpy (nm[m], nm[k]);
```

```
                    }
```

```
                    strcpy (nm[j], temp);
```

```
                }
```

```
    }  
    }  
}  
  
cout<<"\nHasil pengurutannya adalah : \n";  
for (i=1;i<=5;i++)  
    { cout<<"\n"<<nm[i];}  
  
return 0;  
}
```