

desending

```
#include <xc.h>
```

```
#include <pic18f4550.h>
```

```
void main(void)
```

```
{
```

```
    int a[] = {12, 5, 20, 7, 1};
```

```
    int i, j, temp;
```

```
    for(i = 0; i < 5; i++)
```

```
    {
```

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

```
        {
```

```
            if(a[i] < a[j])
```

```
            {
```

```
                temp = a[i];
```

```
                a[i] = a[j];
```

```
                a[j] = temp;
```

```
            }
```

```
        }
```

```
    }
```

```
    TRISA= 0 ;
```

```
    TRISB= 0 ;
```

```
    TRISC= 0 ;
```

```
    TRISD= 0 ;
```

```
    TRISE= 0 ;
```

```
    PORTA = a[0];
```

```
    PORTB = a[1];
```

```
    PORTC = a[2];
```

```
    PORTD = a[3];
```

```
    PORTE = a[4];    // largest number show hoga (sorted array ka last)
```

```
    return;
```

```
}
```