CODE:

```cpp
1    #include<iostream>
2    using namespace std;
3
4    class Robot {
5        private:
6         string name;
7         int battery;
8
9        public:
10        Robot() {
11            name = "Alpha";
12            battery = 100;
13            cout<<"Robot " << name << " activated with battery " << battery << "% \n";
14        }
15
16        void performTask() {
17            if (battery>=10)
18            {
19              battery-=10;
20              cout<<"Robot "<<name<<" has performed the task and battery is now "<<battery<<"%\n";
21            }
22            else
23              cout<<"Not enough charge to perform task"<<endl;
24        }
25
26        void displayStatus() {
27          cout<<"The Robot "<<name<<" is currently active and is at "<<battery<<"%\n";
28        }
29
30        ~Robot() {
31            cout<<"The robot "<<name<<" deactivated \n";
32        }
33    };
34
35    int main()
36    {
37        Robot r;
38        r.performTask();
39        r.displayStatus();
40        return 0;
41    }
```

OUTPUT:

```
PS C:\Users\user\Desktop\Rajat_Robocon> & 'c:\Users\user\.vscode\extensions\ms-vscode.cpptools-1.26.3-win32-x64\deb
stdout=Microsoft-MIEngine-Out-0rrt5oyh.p3b' '--stderr=Microsoft-MIEngine-Error-bgmureyz.nep' '--pid=Microsoft-MIEngi
Robot Alpha activated with battery 100%
Robot Alpha has performed the task and battery is now 90%
The Robot Alpha is currently active and is at 90%
The robot Alpha deactivated
```