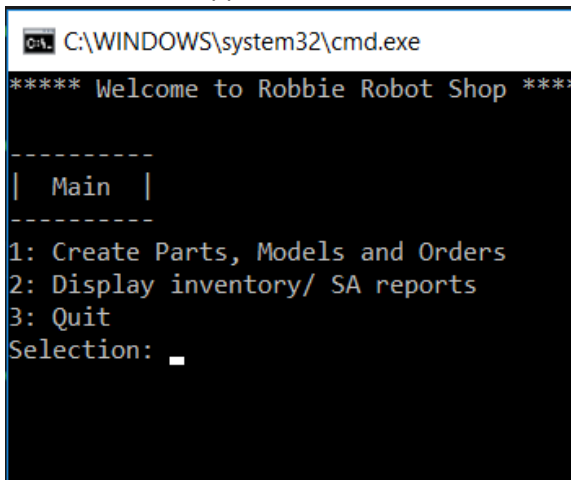


Robbie Robot Shop

User Manual

This is a brief guide on how to use the Robbie Robot Shop.

1. Open the program:
Main menu will appear



```
C:\WINDOWS\system32\cmd.exe
***** Welcome to Robbie Robot Shop *****

-----
| Main |
-----

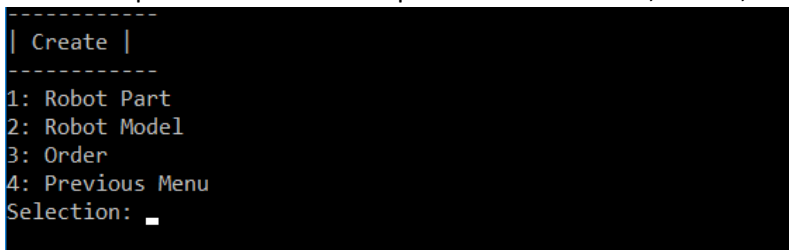
1: Create Parts, Models and Orders
2: Display inventory/ SA reports
3: Quit
Selection: _
```

Here are the available tasks that the program can perform.

Either create new parts, models, and orders

Or display the ones that already exist on the system

2. Create Parts, Models, and Orders
This menu provides three main options to create: Part, Model, and Order



```
-----
| Create |
-----

1: Robot Part
2: Robot Model
3: Order
4: Previous Menu
Selection: _
```

Create one of the three options or choose to return to previous menu.

Entailing entries in all three options are fairly straight forward such as entering names, numbers, and other details.

3. Creating a Part looks like:

```
-----
| Create |
-----
1: Robot Part
2: Robot Model
3: Order
4: Previous Menu
Selection: 1

-----
| Select Part Type|
-----
1: torso
2: head
3: arm
4: battery
5: locomotor
6: Previous menu
Selection:
```

On choosing torso by entering 1, a menu like this should appear:

```
-----
| Select Part Type|
-----
1: torso
2: head
3: arm
4: battery
5: locomotor
6: Previous menu
Selection: 1

=====
Add a(n) torso:
Part name:
```

Enter valid data into each field to create the part. When all the entry fields are filled, it should print out success of part creation:

```
=====
Add a(n) torso:
Part name: OneLastTorso
Part number: 1991
Part weight: 20
Part cost: 15
Part description: TheLastOne
Battery compartments: 1
New torso added!

-----
| Select Part Type|
-----
1: torso
2: head
3: arm
4: battery
5: locomotor
6: Previous menu
Selection:
```

Other create options work in similar fashion. Enter valid data and create part, model or order.

- The other main feature is displaying the information on the system
Selections can be made by using numbers either to print something or to go back to previous menu.

```
-----
|  Main  |
-----
1: Create Parts, Models and Orders
2: Display inventory/ SA reports
3: Quit
Selection: 2

-----
|Record of Parts, Models and Orders|
-----
1: Print Parts
2: Print Models
3: Print Orders
4: Main
Selection: 1
```

- Printing of Parts looks like:

```
C:\WINDOWS\system32\cmd.exe
|Record of Parts, Models and Orders|
-----
1: Print Parts
2: Print Models
3: Print Orders
4: Main
Selection: 1

Printing Parts

-----
Partname      | ID | Partnum|PartType      | Weight| Cost|Description      |Other Details      |
-----
torso 1       | 0  | 1001|torso         | 10.1  | 10.1|First torso      |Bat.Comps: 3|
head 1        | 1  | 2001|head          | 20.1  | 20.1|first ever head  |
arm 1         | 2  | 3001|arm           | 30.1  | 30.1|first arm        |
battery 1     | 3  | 4001|battery       | 1      | 14  |first battery    |Capacity: 20|
torso 2       | 4  | 1002|torso         | 10.2  | 12.5|another tor      |Bat.Comps: 3|
tor3          | 5  | 1003|torso         | 11     | 11  |3rd torso in     |Bat.Comps: 2|
batt2         | 6  | 4002|battery       | 4.2    | 4.3|second batt!     |Capacity: 15|
bestBatt3     | 7  | 4003|battery       | 15.4   | 13.3|3rd battery!     |Capacity: 12.3|
firstLoco     | 8  | 5001|locomotor     | 15.3   | 12.3|Locomotor new    |MaxSpeed: 15MaxPower: 12.9|
lastTorso     | 9  | 99  |torso         | 99     | 99  |TheLastTor       |Bat.Comps: 2|
lastHead      | 10 | 88  |head          | 88     | 88  |the last head    |
lastArm       | 11 | 77  |arm           | 77     | 77  |the last Arm     |
lastBattery   | 12 | 66  |battery       | 66     | 66  |theLastBatt      |Capacity: 66|
lastLoco      | 13 | 55  |locomotor     | 55     | 55  |the last loc     |MaxSpeed: 55MaxPower: 5|

void create_part()
```

Other printings are similar with some extra details.