**Algorithm**

1. Start
2. Process info
3. Process main\_menu
4. Process checkout
5. End
6. info
7. Get username
8. Get contact\_no
9. Get room\_no
10. Get HB
11. While HB < 1 or HB > 3

Get B1

If B1 == “Proceed” Then

Print “Invalid Hostel Block”  
Endif

Get HB

WhileEnd

Get B1

If B1 == “Proceed” Then

Process main\_menu

Endif

1. Exit
2. main\_menu
3. Get B2
4. If B2 == “Rice” Then

Process rice

EndIf

1. If B2 == “Noodles” Then

Process noodles

EndIf

1. If B2 == “Western” Then

Process western

EndIf

1. If B2 == “Drinks” Then

Process drinks

EndIf

1. If B2 == “Checkout” Then

Process checkout

EndIf

1. Exit
2. rice
3. qty\_pattaya = 0
4. qty\_ayampenyet =0
5. qty\_nasiayam = 0
6. qty\_nasigoreng = 0
7. qty=nasithai = 0
8. Get B3a
9. Get B3b
10. Get B3c
11. Get B3d
12. Get B3e
13. Get B3
14. If B3a == “+” Then

qty\_pattaya = qty\_pattaya + 1

EndIf

1. If B3a == “-“ Then

qty\_pattaya = qty\_pattaya – 1

EndIf

1. If B3b == “+” Then

qty\_ayampenyet = qty\_ayampenyet + 1

EndIf

1. If B3b == “-“ Then

qty\_ayampenyet = qty\_ayampenyet – 1

EndIf

1. If B3c == “+” Then

qty\_nasiayam = qty\_nasiayam + 1

EndIf

1. If B3c == “-“ Then

qty\_nasiayam = qty\_nasiayam – 1

EndIf

1. If B3d == “+” Then

qty\_nasigoreng = qty\_nasigoreng + 1

EndIf

1. If B3d == “-“ Then

qty\_nasigoreng = qty\_nasigoreng – 1

EndIf

1. If B3e == “+” Then

qty\_nasithai = qty\_nasithai + 1

EndIf

1. If B3e == “-“ Then

qty\_nasithai = qty\_nasithai – 1

EndIf

1. If B3 == “Main Menu” Then

Process main\_menu

EndIf

1. Exit
2. noodles
3. qty\_migoreng = 0
4. qty\_maggie =0
5. qty\_mikari = 0
6. qty\_misup = 0
7. qty=mihun = 0
8. Get B4a
9. Get B4b
10. Get B4c
11. Get B4d
12. Get B4e
13. Get B4
14. If B4a == “+” Then

qty\_migoreng = qty\_migoreng + 1

EndIf

1. If B4a == “-“ Then

qty\_migoreng = qty\_migoreng – 1

EndIf

1. If B4b == “+” Then

qty\_maggie = qty\_maggie + 1

EndIf

1. If B4b == “-“ Then

qty\_maggie = qty\_maggie – 1

EndIf

1. If B4c == “+” Then

qty\_mikari = qty\_mikari + 1

EndIf

1. If B4c == “-“ Then

qty\_mikari = qty\_mikari – 1

EndIf

1. If B4d == “+” Then

qty\_misup = qty\_misup + 1

EndIf

1. If B4d == “-“ Then

qty\_misup = qty\_misup – 1

EndIf

1. If B4e == “+” Then

qty\_mihun = qty\_mihun + 1

EndIf

1. If B4e == “-“ Then

qty\_mihun = qty\_mihun – 1

EndIf

1. If B4 == “Main Menu” Then

Process main\_menu

EndIf

1. Exit
2. western
3. qty\_chickenchop = 0
4. qty\_fishandchip =0
5. qty\_pasta = 0
6. qty\_lambchop = 0
7. qty=chickengrill = 0
8. Get B5a
9. Get B5b
10. Get B5c
11. Get B5d
12. Get B5e
13. Get B5
14. If B5a == “+” Then

qty\_chickenchop = qty\_chickenchop + 1

EndIf

1. If B5a == “-“ Then

qty\_chickenchop = qty\_chickenchop – 1

EndIf

1. If B5b == “+” Then

qty\_fishandchip = qty\_fishandchip + 1

EndIf

1. If B5b == “-“ Then

qty\_fishandchip = qty\_fishandchip – 1

EndIf

1. If B5c == “+” Then

qty\_pasta = qty\_ pasta + 1

EndIf

1. If B5c == “-“ Then

qty\_ pasta = qty\_ pasta – 1

EndIf

1. If B5d == “+” Then

qty\_lambchop = qty\_ lambchop + 1

EndIf

1. If B5d == “-“ Then

qty\_ lambchop = qty\_ lambchop – 1

EndIf

1. If B5e == “+” Then

qty\_chickengrill = qty\_ chickengrill + 1

EndIf

1. If B5e == “-“ Then

qty\_ chickengrill = qty\_ chickengrill – 1

EndIf

1. If B5 == “Main Menu” Then

Process main\_menu

EndIf

1. Exit

1. drinks
2. qty\_miloais = 0
3. qty\_juice =0
4. qty\_sirapbandung = 0
5. qty\_softdrink = 0
6. qty\_tehais = 0
7. Get B6a
8. Get B6b
9. Get B6c
10. Get B6d
11. Get B6e
12. Get B6
13. If B6a == “+” Then

qty\_miloais = qty\_ miloais + 1

EndIf

1. If B6a == “-“ Then

qty\_ miloais = qty\_ miloais – 1

EndIf

1. If B6b == “+” Then

qty\_juice = qty\_ juice + 1

EndIf

1. If B6b == “-“ Then

qty\_ juice = qty\_ juice – 1

EndIf

1. If B6c == “+” Then

qty\_sirapbandung = qty\_ sirapbandung + 1

EndIf

1. If B6c == “-“ Then

qty\_ sirapbandung = qty\_ sirapbandung – 1

EndIf

1. If B6d == “+” Then

qty\_softdrink = qty\_ softdrink + 1

EndIf

1. If B6d == “-“ Then

qty\_ softdrink = qty\_ softdrink – 1

EndIf

1. If B6e == “+” Then

qty\_tehais = qty\_ tehais + 1

EndIf

1. If B6e == “-“ Then

qty\_ tehais = qty\_ tehais – 1

EndIf

1. If B6 == “Main Menu” Then

Process main\_menu

EndIf

1. Exit

1. Checkout
2. Calculate prc\_rice = (5\*qty\_pattaya) + (5\*qty\_ayampenyet) + (5\*qty\_nasiayam) + (4\*qty\_nasigoreng) + (5.50\*qty\_nasithai)
3. Calculate prc\_noodles = (4\*qty\_migoreng) + (4.50\*qty\_maggie) + (4\*qty\_mikari) + (4\*qty\_misup) + (5\*qty\_mihun)
4. Calculate prc\_western = (6\*qty\_chickenchop) + (8\*qty\_fishandchip) + (8\*qty\_pasta) + (8\*qty\_chickengrill) + (10\*qty\_lambchop)
5. Calculate prc\_drinks = (2\*qty\_miloais) + (3\*qty\_juice) + (2\*qty\_sirapbandung) + (2\*qty\_softdrink) + (2\*qty\_tehais)
6. Calculate total\_overall = prc\_rice + prc\_noodles + prc\_western + prc\_drinks +0.50
7. Print username
8. Print contact\_no
9. Print room\_no
10. Print HB
11. Print prc\_rice
12. Print prc\_noodles
13. Print prc\_western
14. Print prc\_drinks
15. Print “Orders above RM50.00 will get a 10% discount”
16. Get B7
17. If B7 == “Checkout” Then

If total\_overall <=5 Then

Print “Not enough minimum order of RM5.00”

Process main\_menu

Else

If total\_overall >=50 Then

disc\_overall=total\_overall\*90/100

print disc\_overall

Else

print total\_overall

EndIf

EndIf

Endif

1. Exit