



UNIVERSITI UTARA MALAYSIA

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STIA1113 PROGRAMMING 1

KUMPULAN C

GROUP PROJECT

TOPIC: BEAUTY

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1.0 BACKGROUND

Beauty Empire is a corporate group based in Kuala Lumpur, Malaysia which was founded by Mrs Alexandra in 2012. There are five subsidiaries under Beauty Empire which cover all the subsectors in the beauty industry.

The first subsidiary is Princess. Princess is a new cosmetic shop that sells a variety of beauty products needed by all age ranges of customers, such as toner, primer, lipstick, etc. This shop has become the first choice of Malaysian females whenever they want to buy cosmetics.

The second subsidiary is a jewellery shop where the shop name is “Gold Jewellery Shop”. Gold Jewellery Shop is a jewellery shop that sells gold jewellery. In this shop, you can find various designs and types of gold jewellery. For example, necklaces, bracelets, earrings, rings and so on.

SugarBomb is the third subsidiary under Beauty Empire. This is one of the famous perfume shops among Malaysians. In this shop, you can find numerous types of perfume that fits your sense of smell, whether you want a stronger scent perfume (EDP) or lighter scent perfume (EDT), your sense will be satisfied.

The next one will be “The Ordinary”, a skincare shop that lied under Beauty Empire. Skincare is a treatment needed by the man or woman after they reach puberty. The customers can personalize their products in The Ordinary with the ingredients they want that are suitable for their skin problems. The professional consultant in the shop is always ready to give improvement suggestions to the customers.

Last but not least, the MINI salon is a hair salon that also lied under Beauty Empire. The MINI salon is one of the famous salons as the professional stylists always give the best service to the customers. Not only that, but the MINI salon also sells its own hair products in the shop.

In conjunction with the tenth year anniversary of Beauty Empire, the management of Beauty Empire decided to hold an anniversary carnival for all the workers in Beauty Empire. The workers can browse through all the online shops of the subsidiaries of Beauty Empire to buy the products their need with some special promotions. Furthermore, the MINI salon under Beauty Empire is also organizing a hair donations event, the workers are encouraged to join as well as with their friends and relatives.

2.0 DESCRIPTION

1. First, after customers and workers open the Beauty Empire website, they will directly go to the main menu of the website.
2. In the main menu section, customers need to choose which category they want to go except Make Up category because it is just for staff only to check stock.

```
Welcome to "Beauty Empire" Company  
  
MAIN MENU  
Please choose a category that you need  
[1] MAKE UP (CHECK STOCK) *STAFF ONLY*  
[2] JEWELLERY (PURCHASE OF JEWELLERY)  
[3] PERFUME (CATEGORY)  
[4] SKIN CARE (PURCHASE OF SKIN CARE PRODUCT)  
[5] HAIR (DONATION)
```

Main Menu

3. Customers and workers just need to select one number from the category to continue to use this website.
4. After customers and workers choose the category, they need to fill in their username and password to log in to their account.

```
Please log in your account.  
Username: Jessica_  
Password: 123456  
Login successfully....
```

Account log in

5. In the category that customers choose they can follow the instructions on how to buy or do the donation and workers can check and update the quantity of product in stock.

6. Before or after customers follow all the instructions and fill in all the things they want to buy or donate from the category they choose, they also need to fill in their personal data for store data or shipping purposes.

```
*PLEASE ENTER YOUR DETAILS*
1. Please enter your name:
Jessica
2. Please enter your NRIC:
001006-01-1196
3. Please enter your email:
jessica@gmail.com
5. Please enter your contact number:
019-7543321
6. Please enter your address:
3 jln daya johor bharu
```

Data: Input

```
=====PERSONAL DETAILS=====
Name      : Jessica
NRIC      : 001006-01-1196
Email     : jessica@gmail.com
Contact number : 019-7543321
Address   : 3 jln daya johor bharu
=====
```

Data: Output

7. At the end of the website, if customers buy or donate from Beauty Empire the thank you note will come out. It will also be shown when workers quit the Make Up (Check Stock) section.

```
000000000 0 0 000 000 0 0 0 0 00000000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 00000000 000000 0 0 0000 000 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 000 0 0 000 0 0 000000 00000000

!!!!!!!Thank you for your visit!!!!!!
```

8. But if customers cancel to buy or donate another thank you note also will be appeared.

```
000000000 0 0 000 000 0 0 0 0 00000000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 00000000 000000 0 0 0000 000 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 000 0 0 000 0 0 000000 00000000

!!!!!!!Thank you for your visit!!!!!!
```

3.0 ALGORITHM

Pseudocode

Start

```
    Declare menucontrol
    Display main menu
    Scan menucontrol

    If (menucontrol == 1)
        Display make up page
        welcome()
        login()
        stockprocess(colors1, colors2)
        quit()

    Else if (menucontrol == 2)
        Display jewellery page
        welcome()
        login()
        showMessage()
        budget(item)

    Else if (menucontrol == 3)
        Display perfume page
        welcome()
        login()
        perfume()

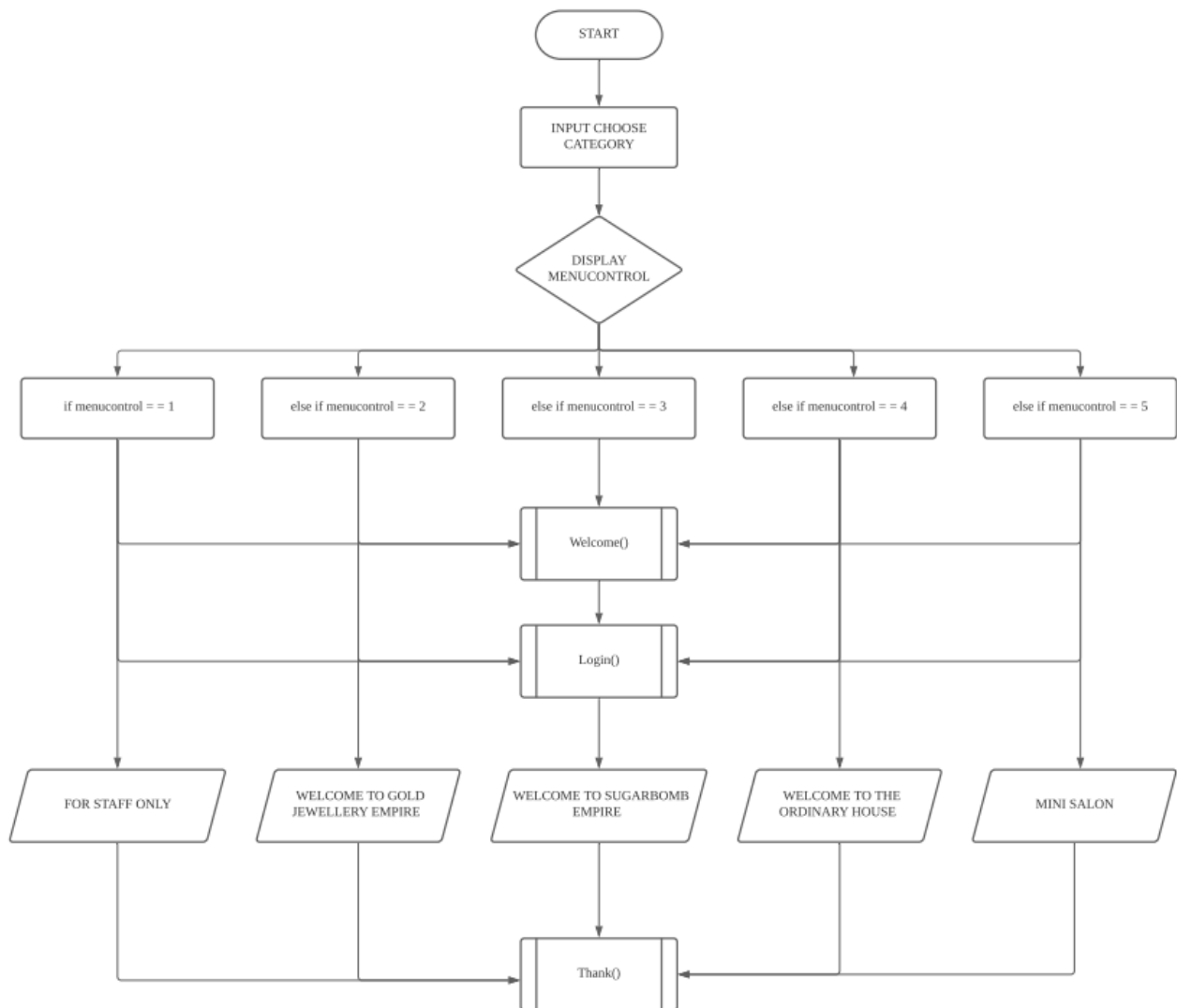
    Else if (menucontrol == 4)
        Display skincare page
        welcome()
        login()
        skincare(pricee)

    Else if (menucontrol == 5 )
        Display hair page
        welcome()
        login()
        interest(0)

    Else
        Display Not available. Please try again.
```

End

Flowchart



4.0 CODING

[illegible]


```

247
248 System.out.println("\nItem Barcode: ");
249 barcode1 = scan.nextInt(); // barcode = 20020210
250 System.out.print("Item Name: Perfume Lipstick (" + colors1[4] + ")");
251 System.out.print("\nQuantity: ");
252 q2 = scan.nextInt();
253
254 System.out.println("\nItem Barcode: ");
255 barcode4 = scan.nextInt(); // barcode = 20010156
256 System.out.print("Item Name: Perfume Toner");
257 System.out.print("\nQuantity: ");
258 q3 = scan.nextInt();
259
260 System.out.println("\nItem Barcode: ");
261 barcode5 = scan.nextInt(); // barcode = 20030232
262 System.out.print("Item Name: Perfume Primer (" + colors2[2] + ")");
263 System.out.print("\nQuantity: ");
264 q4 = scan.nextInt();
265
266 System.out.println("\nInformation has been saved. Here is your report.");
267 System.out.println("\nDocument Number: " + dn1); //dn
268 System.out.print("Supplier Code: " + suppliercode1);
269 System.out.print("Supplier Name: " + suppliername1);
270 System.out.print("Date: " + date1);
271 System.out.print("Barcode: Item Name: \t\t Quantity: ");
272 System.out.print(barcode2 + "\tPerfume Lipstick (" + colors1[0] + ")\t\t " + q1);
273 System.out.print(barcode2 + "\tPerfume Lipstick (" + colors1[4] + ")\t\t " + q2);
274 System.out.print(barcode3 + "\tPerfume Toner \t\t\t " + q3);
275 System.out.print(barcode4 + "\tPerfume Primer (" + colors2[2] + ") " + q4);
276
277 }
278
279 control = menu();
280 if (control == 3) {
281 System.out.println("\n[PURCHASE RETURN]");
282 System.out.print("Document Number: "); //dn2
283 scan.nextLine();
284 dn2 = scan.nextLine();
285 System.out.print("Supplier Code: ");
286 suppliercode2 = scan.nextLine();
287 System.out.print("Supplier Name: ");
288 suppliername2 = scan.nextLine();
289 System.out.print("Date: ");
290 date2 = scan.nextLine();
291
292 System.out.println("\nItem Barcode: "); // barcode = 20020200
293 barcode6 = scan.nextInt();
294 System.out.print("Item Name: Perfume Lipstick (" + colors1[0] + ")");
295 q5 = scan.nextInt();
296 System.out.print("Reason: ");
297 scan.nextLine();
298 r1 = scan.nextLine();
299
300 System.out.println("\nItem Barcode: "); // barcode = 20020210
301 barcode7 = scan.nextInt();
302 System.out.print("Item Name: Perfume Lipstick (" + colors1[4] + ")");
303 System.out.print("\nQuantity: ");
304 q6 = scan.nextInt();
305 System.out.print("Reason: ");
306 scan.nextLine();
307 r2 = scan.nextLine();
308
309 System.out.println("\nItem Barcode: "); // barcode = 20010156
310 barcode8 = scan.nextInt();
311 System.out.print("Item Name: Perfume Toner");
312 System.out.print("\nQuantity: ");
313 q7 = scan.nextInt();
314 System.out.print("Reason: ");
315 scan.nextLine();
316 r3 = scan.nextLine();
317
318 System.out.println("\nItem Barcode: "); // barcode = 20030232
319 barcode9 = scan.nextInt();
320 System.out.print("Item Name: Perfume Primer (" + colors2[2] + ")");
321 System.out.print("\nQuantity: ");
322 q8 = scan.nextInt();
323 System.out.print("Reason: ");
324 scan.nextLine();
325 r4 = scan.nextLine();
326
327 System.out.println("\nInformation has been saved. Here is your report.");
328 System.out.println("\nDocument Number: " + dn2); //dn
329 System.out.print("Supplier Code: " + suppliercode2);
330 System.out.print("Supplier Name: " + suppliername2);
331 System.out.print("Date: " + date2);
332 System.out.print("Barcode: Item Name: \t\t Quantity: ");
333 System.out.print(barcode6 + "\tPerfume Lipstick (" + colors1[0] + ")\t\t " + q5 + "\n\t\tReason: " + r1);
334 System.out.print("\n" + barcode7 + "\tPerfume Lipstick (" + colors1[4] + ")\t\t " + q6 + "\n\t\tReason: " + r2);
335 System.out.print("\n" + barcode8 + "\tPerfume Toner \t\t\t " + q7 + "\n\t\tReason: " + r3);
336 System.out.print("\n" + barcode9 + "\tPerfume Primer (" + colors2[2] + ") " + q8 + "\n\t\tReason: " + r4);
337
338 }
339
340 int CQ1 = bq1 + q1 - q5;
341 int CQ2 = bq2 + q2 - q6;
342 int CQ3 = bq3 + q3 - q7;
343 int CQ4 = bq4 + q4 - q8;
344
345 control = menu();
346 if (control == 1) {
347 while(true) {
348 System.out.println("\n[ITEM]");
349 System.out.print("Barcode: ");
350 barcode8 = scan.nextInt();
351 if (barcode8 == 20020200){
352 System.out.println("Item Name: Perfume Lipstick"); // barcode = 20020200
353 System.out.print("Category: Lipstick");
354 System.out.print("Supplier: Princess Production");
355 System.out.print("Colour: " + colors1[0]);
356 System.out.print("UOM: PCS");
357 System.out.print("Unit Cost: RM36");
358 System.out.print("Unit Price: RM120");
359 System.out.print("Balance Quantity: " + CQ1); //CQ1
360 }
361 else if (barcode8 == 20020210) {
362 System.out.println("Item Name: Perfume Lipstick"); // barcode = 20020210
363 System.out.print("Category: Lipstick");
364 System.out.print("Supplier: Princess Production");
365 }
366 }

```

```

367         System.out.println("Colour: " + colors1[4]);
368         System.out.println("UOH: PCS");
369         System.out.println("Unit Cost: RM36");
370         System.out.println("Unit Price: RM120");
371         System.out.println("Balance Quantity: " + CQ2); //CQ2
372     }
373
374     else if (barcode == 20010156) {
375         System.out.println("Item Name: Perfume Toner"); // barcode = 20010156
376         System.out.println("Category: Toner");
377         System.out.println("Supplier: Princess Production");
378         System.out.println("UOH: BTL");
379         System.out.println("Unit Cost: RM18");
380         System.out.println("Unit Price: RM60");
381         System.out.println("Balance Quantity: " + CQ3); //CQ3
382     }
383
384     else if (barcode == 20030232) {
385         System.out.println("Item Name: Perfume Primer"); // barcode = 20030232
386         System.out.println("Category: Primer");
387         System.out.println("Supplier: Princess Production");
388         System.out.println("Colour: " + colors2[2]);
389         System.out.println("UOH: BTL");
390         System.out.println("Unit Cost: RM15");
391         System.out.println("Unit Price: RM60");
392         System.out.println("Balance Quantity: " + CQ4); //CQ4
393     }
394
395     System.out.println("\nDo you want to search another item information?");
396     System.out.println("[1] YES [2] NO");
397     control2 = scan.nextInt();
398     int b = 2;
399     if (control2==b){
400         break;
401     }
402 }
403
404 }
405
406
407 public static void quit() {
408     int control3=0;
409     Scanner scan = new Scanner (System.in);
410     System.out.println("\nDo you want to quit the program?");
411     while (true) {
412         System.out.println("[1] YES [2] NO");
413         control3 = scan.nextInt();
414         int c = 1;
415         if (control3==c){
416             break;
417         }
418     }
419     thank();
420 }
421
422 public static void showMessage() {
423     System.out.println("\nPlease choose your budget range and gram.");
424     System.out.println("Note: Less than 5g need to pay wage cost");
425     System.out.println("\n");
426 }
427
428 public static void order() {
429     Scanner sc = new Scanner (System.in);
430
431     System.out.println("[1] Proceed Order or [2] Cancel Order");
432     int order = sc.nextInt();
433
434     while (order != 1 && order != 2) {
435         System.out.println("INVALID CODE");
436         System.out.println("Please enter confirmation code again");
437         order = sc.nextInt();
438     }
439
440     if (order ==1) {
441         customerdetails();
442         System.out.println("\n");
443     }
444     thank();
445 }
446
447 else if (order ==2) {
448     System.out.println("You have cancel your order");
449     thank();
450 }
451 }
452
453 }
454 }
455
456 public static void budget(String [] item) {
457     Scanner scan = new Scanner(System.in);
458
459     int total, total2, total3, total4, budget;
460     int gold = 240, wage = 250, delivery = 30, packaging = 15, insurance = 50;
461     double gram, ring = 2.1, earring = 1.56, necklace = 4.57, locket = 2.5, bracelet = 3.24;
462
463     System.out.println("Your budget range: ");
464     budget =scan.nextInt();
465
466     System.out.println("Your gram: ");
467     gram = scan.nextDouble();
468
469     if(gram < 5) {
470         String x = item[0];
471         String y = item[1];
472         System.out.println(x);
473         System.out.println(y);
474         total = (int)((gold * ring) + (gold * earring));
475         System.out.println();
476         System.out.println("Total gold price: RM" + total);
477         System.out.println();
478         System.out.println("Wage:RM250\n" + "Delivery:RM30\n" + "Packaging:RM15\n" + "Insurance:RM50");
479         total2 = (total + wage + delivery + packaging + insurance);
480         System.out.println("-----");
481         System.out.println("TOTAL: RM " + total2);
482         System.out.println("-----");
483
484         System.out.println();
485         order();
486     }
487
488     if(gram >= 5) {
489         String a = item[1];
490         String b = item[2];
491         String c = item[3];
492         String d = item[4];

```

```

494     System.out.println(a);
495     System.out.println(b);
496     System.out.println(c);
497     System.out.println(d);
498     total3 = (int)((gold * earring) + (gold * necklace) + (gold * locket) + (gold * bracelet));
499     System.out.println();
500     System.out.println("Total gold price: RM" + total3);
501     System.out.println();
502     System.out.println("Delivery:RM30\n" + "Packaging:RM15\n" + "Insurance:RM50");
503     total4 = (total3) + delivery + packaging + insurance;
504     System.out.println("-----");
505     System.out.println("TOTAL: RM " + total4);
506     System.out.println("-----");
507
508     System.out.println();
509     order();
510     }
511 }
512
513 public static void perfume() {
514     Scanner input = new Scanner(System.in);
515     System.out.println("-----");
516     System.out.println("SUGARBOMB EMPIRE");
517     System.out.println("-----");
518     System.out.println("CATEGORY          ACCOUNT");
519     System.out.println("-----");
520
521     System.out.print("Which one do you want to see (enter 1 to see category) : ");
522     int choose = input.nextInt();
523     System.out.println();
524
525     System.out.println();
526     System.out.println("Here are all the category of perfume in our shop: ");
527     System.out.println();
528     System.out.println("WOMEN EDP 30 ML");
529     System.out.println("WOMEN EDT 10 ML");
530     System.out.println("MEN EDP 30 ML");
531     System.out.println("MEN EDT 10 ML");
532     System.out.println("PARFUM");
533     System.out.println("SCARLET EDITION");
534     System.out.println("FRUITIES SERIES");
535     System.out.println();
536
537     showMessage2();
538 }
539
540 public static void showMessage2() {
541     Scanner input = new Scanner(System.in);
542
543     String perfumeName, category;
544     int totalPerfume = 0;
545     double price = 0;
546     double pay = 0;
547     int quantity = 0;
548     int i = 0;
549     int count = 0;
550     double change = 0;
551     double totalPrice = 0;
552     char code = 0;
553
554     String WomenEDP [] = {"Floral Blush", "Floral Immortal", "Fruity Rose", "Fruity Selena", "Fruity Sparkle",
555         "Sweet Bombshell", "Sweet Coach", "Sweet Fantasy", "Vanillavie", "Vanilla Poison"};
556
557     String WomenEDT [] = {"Floral Blush", "Floral Immortal", "Fruity Rose", "Fruity Selena", "Fruity Sparkle",
558         "Sweet Bombshell", "Sweet Coach", "Sweet Fantasy", "Vanillavie", "Vanilla Poison"};
559
560     String MenEDP [] = {"Aromatic Adventurous", "Aromatic Eros", "Citrus Code", "Citrus Desire",
561         "Citrus Di Gio", "Fruity Aventus", "Spicy Million", "Spicy Royalty", "Spicy XS"};
562
563     String MenEDT [] = {"Aromatic Adventurous", "Aromatic Eros", "Citrus Code", "Citrus Desire",
564         "Citrus Di Gio", "Fruity Aventus", "Spicy Million", "Spicy Royalty", "Spicy XS"};
565
566     String Parfum [] = {"Intense", "Blast", "Julia", "Isabelle", "Elisa", "Roselle", "Layla"};
567
568     String ScarletEdition [] = {"Sakura", "Vaila", "Julia", "Rare"};
569
570     String FruitiesSeries [] = {"Mango Swirl", "Baby Dew", "Melon Moonlight", "Apple Smoothie", "Strawberry Crush"};
571
572     System.out.print("Enter the category that you want to see : ");
573     category = input.next();
574     input.nextLine();
575     System.out.println();
576
577     switch (category) {
578     case "womenedp":
579     case "WOMENEDP":
580         System.out.println("WOMEN EDP | PRICE (RM 45.00)");
581         System.out.println();
582         for (i = 0; i < WomenEDP.length; i++) {
583             System.out.println(WomenEDP[i]);
584         }
585         break;
586     case "womenedt":
587     case "WOMENEDT":
588         System.out.println("WOMEN EDT | PRICE (RM 10.00)");
589         System.out.println();
590         for (i = 0; i < WomenEDT.length; i++) {
591             System.out.println(WomenEDT[i]);
592         }
593         break;
594     case "menedp":
595     case "MENEDP":
596         System.out.println("MEN EDP | PRICE (RM 45.00)");
597         System.out.println();
598         for (i = 0; i < MenEDP.length; i++) {
599             System.out.println(MenEDP[i]);
600         }
601         break;
602     case "menedt":
603     case "MENEDT":
604         System.out.println("MEN EDT | PRICE (RM 10.00)");
605         System.out.println();
606         for (i = 0; i < MenEDT.length; i++) {
607             System.out.println(MenEDT[i]);
608         }
609         break;
610     case "parfum":
611     case "PARFUM":
612         System.out.println("PARFUM | PRICE (RM 49.00)");
613         System.out.println();
614
615
616
617
618

```

```

619         for (i = 0; i < Parfum.length; i++) {
620             System.out.println(Parfum[i]);
621         }
622         break;
623     case "scarletedition":
624     case "SCARLETEDITION":
625         System.out.println("SCARLET EDITION | PRICE (RM 45.00)");
626         System.out.println();
627         for (i = 0; i < ScarletEdition.length; i++) {
628             System.out.println(ScarletEdition[i]);
629         }
630         break;
631     case "fruitiesseries":
632     case "FRUITIESSERIES":
633         System.out.println("FRUITIES SERIES | PRICE (RM 20.00)");
634         System.out.println();
635         for (i = 0; i < FruitsSeries.length; i++) {
636             System.out.println(FruitsSeries[i]);
637         }
638         break;
639     }
640 }
641
642
643 System.out.println();
644
645 System.out.print("How many perfume that you want : ");
646 totalperume = input.nextInt();
647 System.out.println();
648
649 if (totalperume <= 1) {
650     System.out.print("Choose your perfume : ");
651     perfumeName = input.next();
652     System.out.println();
653
654     System.out.print("How many quantity that you want : ");
655     quantity = input.nextInt();
656     System.out.println();
657
658     System.out.println("Add to cart : " + perfumeName);
659     System.out.println();
660
661     System.out.print("Enter the price : RM ");
662     price = input.nextDouble();
663     System.out.println();
664
665     totalPrice = (price * quantity);
666
667     calculate1 (price, quantity, totalPrice);
668
669     System.out.print("Pay the perfume : RM ");
670     pay = input.nextDouble();
671
672     calculate2 (pay, totalPrice, change);
673     System.out.println();
674
675     showMessage3();
676 }
677
678 else if (totalperume > 1) {
679
680     do {
681         System.out.print("Choose your perfume : ");
682         perfumeName = input.next();
683         input.nextLine();
684         System.out.println();
685
686         System.out.print("How many quantity that you want for this perfume : ");
687         quantity = input.nextInt();
688         System.out.println();
689
690         System.out.println("Add to cart : " + perfumeName);
691         System.out.println();
692
693         System.out.print("Enter the price : RM ");
694         price = input.nextDouble();
695
696         totalPrice = (price * quantity);
697         totalPrice += price;
698         count++;
699         System.out.println();
700
701         System.out.print("Do you want to choose another perfume? [Y/N] = ");
702         code = input.next().charAt(0);
703         System.out.println();
704
705     }while (code == 'y' || code == 'Y');
706
707     if (code == 'n' || code == 'N') {
708
709         calculate1 (price, quantity, totalPrice);
710
711         System.out.println();
712
713         System.out.print("Pay the perfume : RM ");
714         pay = input.nextDouble();
715
716         calculate2 (pay, totalPrice, change);
717         System.out.println();
718
719         showMessage3();
720     }
721 }
722 }
723
724
725
726 public static void calculate1(double price, int quantity, double totalPrice) {
727     // TODO Auto-generated method stub
728
729     System.out.println("Total Price RM " + totalPrice);
730     System.out.println();
731 }
732
733
734 public static void calculate2(double pay, double totalPrice, double change) {
735     // TODO Auto-generated method stub
736
737     change = (pay - totalPrice);
738
739     System.out.println();
740     System.out.println("Your change RM " + change);
741 }
742

```



```

743 public static void showMessage3() {
744     // TODO Auto-generated method stub
745
746     System.out.println("YOU HAVE MADE THE PAYMENT FOR THIS PERFUME. \nBefore leave,");
747     customerdetails();
748     thank();
749 }
750
751
752 public static void skincare(double [] pricee) {
753     Scanner sc = new Scanner (System.in);
754     double price_charge = 20;
755     double amount, a2, a3, a4, a5, a6, a7, a8;
756     double price, p1, p2, p3, p4, p5, p6, p7, p8;
757     double finalprice, finalprice2;
758     double total,t1, t2, t3, t4, t5, t6, t7, t8;
759     double size1, size2, size3, size4;
760     char pricelist, ans;
761
762     System.out.println("\n_____Welcome to The Ordinary website, this is Beauty Empire!_____");
763     System.out.println();
764
765     customerdetails();
766     System.out.println();
767     System.out.println("*****");
768     System.out.println("Welcome to The Ordinary House of Beauty, this is Beauty Empire! ");
769     System.out.println("*****");
770     System.out.println("*****");
771     System.out.println("*****");
772     System.out.println("Dear customer, before you proceed,");
773     System.out.println("We would like to inform that");
774     System.out.println("You can't buy more than 1 serum to experience free shipping!");
775     System.out.println("And you can add only two ingredient into your Serum.");
776     System.out.println("You will be charge RM20 if you add more than two ingredients into you Serum");
777     System.out.println("*****");
778     System.out.println();
779     System.out.print("Would You like to see the pricelist? [Y/N] : ");
780     System.out.println();
781     pricelist= sc.next().charAt(0);
782
783     switch (pricelist) {
784     case 'N' :
785     case 'n' :
786         System.out.println("\nOppss! You have cancel your order and return to homepage!");
787         System.out.println("\nSee You next time!");
788         thank();
789         break;
790
791     case 'Y' :
792     case 'y' :
793
794         System.out.println("\nWhat a great Choice! Here is the ingredient!");
795         System.out.println();
796
797         pricelist();
798
799
800         System.out.println("\nHere is the ingredients that you can add into your Serum ");
801         System.out.println("\nHappy Shopping!");
802         System.out.println();
803
804
805         System.out.println("\nNow please select your order size ");
806         System.out.println("\nYou can choose between 30ml or 60ml");
807         System.out.print("\nSize : ");
808         System.out.println();
809         size1 = sc.nextDouble();
810
811         while (size1 != 30 && size1 != 60) {
812             System.out.println("Sorry! The chosen size is unavailable");
813             System.out.print("Please select your order size : ");
814             size1 = sc.nextDouble();
815         }
816
817         if(size1 == 30) {
818             System.out.println("\nGreat! You can choose 30ml as your size of Serum's bottle");
819             System.out.println("\nNow choose your ingredient");
820             System.out.println();
821             System.out.print("\nEnter first ingredient : ");
822             String ingredient1 = sc.next();
823             System.out.print("\nEnter the quantity of " + ingredient1 + " : ");
824             amount = sc.nextDouble();
825             total = (amount*pricee[0]);
826
827             System.out.print("\nEnter second ingredient : ");
828             String ingredient2 = sc.next();
829             System.out.print("\nEnter the quantity of " + ingredient2 + " : ");
830             a2 = sc.nextDouble();
831             t1 = (a2*pricee[1]);
832
833             System.out.print("\nDo you want to add third ingredient? [Y/N]: ");
834             ans = sc.next().charAt(0);
835             switch (ans) {
836             case 'Y' :
837             case 'y' :
838                 System.out.print("\nEnter third ingredient : ");
839                 String ingredient3 = sc.next();
840                 System.out.print("\nEnter the quantity of " + ingredient3 + " : ");
841                 a3 = sc.nextDouble();
842                 t3 = (a3*pricee[2]);
843                 System.out.println();
844                 System.out.println("_____");
845                 System.out.println();
846                 System.out.print("Your price for your Custom Serum is RM" + (total + t1 + t3 + price_charge));
847                 System.out.println();
848                 System.out.println("_____");
849                 System.out.println();
850                 System.out.println();
851                 System.out.print("\nYou cant buy more than 1 serum, Continue with your payment. ");
852                 System.out.print("\nEnter your payment Method : ");
853                 String payment = sc.next();
854                 System.out.println("\nDelivery : Free Delivery ");
855                 System.out.println();
856                 System.out.println();
857                 greetings();
858                 break;
859
860             case 'N' :
861             case 'n' :
862                 System.out.println("_____");
863                 System.out.println();
864                 System.out.print("Your price for your Custom Serum is RM" + (total + t1 ));
865                 System.out.println();
866                 System.out.println("_____");
867

```

```

868         System.out.println();
869         System.out.println();
870         System.out.print("\nYou cant buy more than 1 serum, Continue with your payment. ");
871         System.out.print("\nEnter your payment Method : ");
872         String payment2 = sc.next();
873         System.out.println("\nDelivery : Free Delivery ");
874         System.out.println();
875         System.out.println();
876
877         greetings();
878         break;
879     }
880 }
881
882 else if (size1 == 60) {
883     System.out.println("\nGreat! You can choose 60ml as your size of Serum's bottle");
884     System.out.print("\nNow choose your ingredient");
885     System.out.print("\nEnter first ingredient : ");
886     String ingredient4 = sc.next();
887     System.out.print("\nEnter the quantity of " + ingredient4 + " : ");
888     a4 = sc.nextDouble();
889     t4 = (a4*pricee[5]);
890
891     System.out.print("\nEnter second ingredient : ");
892     String ingredient5 = sc.next();
893     System.out.print("\nEnter the quantity of " + ingredient5 + " : ");
894     a5 = sc.nextDouble();
895     t5 = ((a5*pricee[5]));
896
897     System.out.print("\ndo you want to add third ingredient? [Y/N]: ");
898     ans = sc.next().charAt(0);
899     switch (ans) {
900         case 'Y' :
901             case 'y' :
902                 System.out.print("\nEnter third ingredient : ");
903                 String ingredient6 = sc.next();
904                 System.out.print("\nEnter the quantity of " + ingredient6 + " : ");
905                 a6 = sc.nextDouble();
906                 t6 = ((a6*pricee[3]));
907                 System.out.println();
908                 System.out.println("-----");
909                 System.out.println();
910                 System.out.println("Your price for your Custom Serum is RM" + (t4 + t5 + t6 + price_charge ));
911                 System.out.println();
912                 System.out.println("-----");
913                 System.out.println();
914                 System.out.println();
915                 System.out.print("\nYou cant buy more than 1 serum, Continue with your payment. ");
916                 System.out.print("\nEnter your payment Method : ");
917                 String payment = sc.next();
918                 System.out.println("\nDelivery : Free Delivery ");
919                 System.out.println();
920                 System.out.println();
921
922                 greetings();
923                 break;
924
925             case 'N' :
926                 case 'n' :
927                     System.out.println("-----");
928                     System.out.println();
929                     System.out.println("Your price for your Custom Serum is RM" + (t4 + t5));
930                     System.out.println();
931                     System.out.println("-----");
932                     System.out.println();
933                     System.out.println();
934                     System.out.println();
935                     System.out.print("\nYou cant buy more than 1 serum, Continue with your payment. ");
936                     System.out.print("\nEnter your payment Method : ");
937                     String payment1 = sc.next();
938                     System.out.println("\nDelivery : Free Delivery ");
939                     System.out.println();
940                     System.out.println();
941
942                     greetings();
943                     break;
944             }
945         }
946     }
947 }
948
949 }
950
951 public static void greetings() {
952     System.out.println("*****");
953     System.out.println(" *");
954     System.out.println(" *           We will send the receipt and the tracking number via email!");
955     System.out.println(" *           You will get your order after 14days of working");
956     System.out.println(" *");
957     System.out.println("*****");
958
959     thank();
960 }
961
962 }
963
964
965 public static void priceList() {
966     System.out.println("\n
967     System.out.println();
968     System.out.print("\n
969     System.out.println("
970     System.out.println("
971     System.out.println("
972     System.out.println("
973     System.out.println("
974     System.out.println("
975     System.out.println("
976     System.out.println("
977     System.out.println("
978     System.out.println("
979     System.out.println("
980     System.out.println("
981     System.out.println();
982     System.out.print("\n
983     System.out.println();
984     System.out.println("
985     System.out.println("
986     System.out.println("
987     System.out.println("
988     System.out.println("
989     System.out.println("
990     System.out.println("
991     System.out.println("
992     System.out.println("
993     System.out.println("
994     System.out.println("

```

```

995     System.out.println("          Alpha Hydroxy Acid 34%    1          60          ");
996     System.out.println("          ");
997     System.out.println("*****");
998     System.out.println();
999
1000 }
1001
1002 public static void interest(int join) {
1003     Scanner sc=new Scanner(System.in);
1004     System.out.println("If you are interested to join our event, please enter 1" );
1005     System.out.println("If you are not interested, please enter 2.");
1006     System.out.println("Are you interested to join?");
1007     join = sc.nextInt();
1008
1009     if(join == 1) {
1010         inputDetails();
1011         payment();
1012         seatAllocation();
1013         calculation(37,25,11);
1014     }
1015     else {
1016         thank();
1017         System.out.println("Thanks for your concern, hope to see you again next time!");
1018     }
1019 }
1020
1021 }
1022
1023 public static void inputDetails() {
1024     Scanner sc=new Scanner(System.in);
1025     System.out.println("");
1026     System.out.println("Thanks for your participation!");
1027     System.out.println("");
1028     System.out.println("You have to fill in your details for the registration purpose in this event.");
1029     System.out.println("");
1030
1031     customerdetails();
1032
1033     System.out.println("Please enter your age: ");
1034     int age = sc.nextInt();
1035
1036     System.out.println("Please enter your gender: ");
1037     String gender = sc.next();
1038
1039     System.out.println("=====");
1040     System.out.println("=====");
1041     System.out.println("Age          : "+ age);
1042     System.out.println("Gender       : "+ gender);
1043     System.out.println("=====");
1044     System.out.println("=====");
1045
1046     fees(age,gender);
1047
1048 }
1049
1050 public static void fees(int age, String gender) {
1051     System.out.println("");
1052     System.out.println("For your information, ");
1053     System.out.println("We will collect an amount of fees from participant according to their category in order to raise fund for the patient in need.");
1054     System.out.println("For each participant, the event organizer, MINI salon will donate extra RM 5 to MCHSM to support their campaign.");
1055     System.out.println("");
1056
1057     if(gender.equals("female"))
1058     {
1059         if (age <= 12)
1060         {
1061             System.out.println("Hi, Girl. Your fee is RM 5.");
1062         }
1063         else
1064         {
1065             System.out.println("Hi, Miss/Mrs. Your fee is RM 10.");
1066         }
1067     }
1068     else
1069     {
1070         if (age <= 12)
1071         {
1072             System.out.println("Hi, Boy. Your fee is RM 5.");
1073         }
1074         else
1075         {
1076             System.out.println("Hi, Mr. Your fee is RM 7.");
1077         }
1078     }
1079
1080 }
1081
1082 public static void payment() {
1083     Scanner sc =new Scanner(System.in);
1084
1085     System.out.println("Please select your payment method: ");
1086     System.out.println("1 - cash payment ");
1087     System.out.println("2 - online transfer payment");
1088     int pay = sc.nextInt();
1089
1090     if(pay == 1)
1091     {
1092         System.out.println("You have selected the cash payment method!");
1093         System.out.println("Please move to the cashier counter that is beside the entrance to complete your payment.");
1094         thank();
1095     }
1096     else
1097     {
1098         System.out.println("You have selected the online transfer payment method!");
1099         System.out.println("");
1100         System.out.println("The details of the receiver bank account are as below: ");
1101         System.out.println("");
1102         System.out.println("          Maybank          ");
1103         System.out.println("          MINI salon          ");
1104         System.out.println("          173678468739          ");
1105         System.out.println("Please type on the reference with \"Hair Donation\" ");
1106         thank();
1107     }
1108 }
1109
1110 public static void seatAllocation() {
1111     System.out.println("");
1112     System.out.println("*****SEAT ALLOCATION*****");
1113     System.out.println("*****");
1114
1115     for(int i=8; i>=0; i--)
1116     {
1117
1118

```



```

1119         if(i<8 && i>0) {
1120             System.out.println("Your seat is available!");
1121             System.out.println("Please move to seat "+i);
1122             System.out.println("");
1123         }
1124         else
1125             System.out.println("Sorry to inform you that the seats are currently full, please be patient and wait for a while!"+"\nThanks for your understanding and sorry for the inconvenience
1126     }
1127 }
1128
1129
1130 public static void calculation(int a, int b, int c) { //a=female,b=male,c=kids
1131     Scanner sc=new Scanner (System.in);
1132     double a1 = a * 10;
1133     double b1 = b * 7;
1134     double c1 = c * 5;
1135     int d = a + b + c;
1136     double d1 = d * 5;
1137     double sum = a1+ b1 + c1 + d1;
1138     double cash,online;
1139     System.out.println("");
1140     System.out.println("*****CALCULATION*****");
1141     System.out.println("The number of participant are: ");
1142     System.out.println("Female participants - " + a);
1143     System.out.println("Male participants - " + b);
1144     System.out.println("Kids participants - " + c);
1145     System.out.println("-----");
1146     System.out.println("Total : " + d + " participants");
1147     System.out.println("");
1148     double[]feesCollected = new double[] {a1,b1,c1};
1149     String[]category = new String[] {"Female","Male","Kids"};
1150
1151     System.out.println("The amount of fees collected from each category : ");
1152     for(int i=0; i<feesCollected.length; i++){
1153         System.out.println(category[i] + " : "+"RM " + feesCollected[i]);
1154     }
1155
1156     System.out.println("");
1157     System.out.println("The extra donations from MINI salon is RM " + d1);
1158     System.out.println("In total, the fees that pass to NCSM is RM " + sum);
1159     System.out.println("");
1160
1161     System.out.println("Please enter the amount of cash payment received: ");
1162     cash = sc.nextDouble();
1163     System.out.println("Please enter the amount of online payment received: ");
1164     online = sc.nextDouble();
1165
1166     System.out.println("From the total amount of fees collected, ");
1167     System.out.println("the cash payment collected is RM " + cash);
1168     System.out.println("while the online payment collected is RM " + online);
1169     System.out.println("");
1170
1171     Arrays.sort(feesCollected);
1172     System.out.println("The largest amount of fees collected is : ");
1173     System.out.println("Female participants = RM " +feesCollected[feesCollected.length-1]);
1174
1175     System.out.println("The smallest amount of fees collected is : ");
1176     System.out.println("Kids participants = RM" +feesCollected[0]);
1177
1178     System.out.println("");
1179     System.out.println("*****END*****");
1180     System.out.println("*****");
1181 }
1182 }
1183
1184
1185
1186
1187 }

```

5.0 OUTPUT

Output 1 (Make Up):

Welcome to "Beauty Empire" Company

MAIN MENU

Please choose a category that you need

- [1] MAKE UP (CHECK STOCK) *STAFF ONLY*
- [2] JEWELLERY (PURCHASE OF JEWELLERY)
- [3] PERFUME (CATEGORY)
- [4] SKIN CARE (PURCHASE OF SKIN CARE PRODUCT)
- [5] HAIR (DONATION)

1

```
0      0      0      0 0 0 0 0 0 0 0 0      0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0
0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0 0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0 0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0      0      0      0 0 0 0 0 0 0 0
```

!!!!!!WELCOME TO THE BEAUTY EMPIRE!!!!!!

FOR STAFF ONLY

Please log in your account.

Username: ANG

Password: 123458

Password wrong. Please login again.

Username: ANG

Password: 123456

Login successfully....

- [1] ITEM
 - [2] GOOD RECEIVED NOTE
 - [3] PURCHASE RETURN
- What do you want to do?

1

[ITEM]

BARCODE:20020200

Item Name: Perfume Lipstick

Category: Lipstick

Supplier: Princess Production

Colour: Neon Red

UOM: PCS

Unit Cost: RM36

Unit Price: RM120

Balance Quantity: 20

Do you want to search another item information?

- [1] YES [2] NO

1

[ITEM]

BARCODE:20020210

Item Name: Perfume Lipstick

Category: Lipstick

Supplier: Princess Production

Colour: Preppy Red

UOM: PCS

Unit Cost: RM36

Unit Price: RM120

Balance Quantity: 10

Do you want to search another item information?

- [1] YES [2] NO

1

[ITEM]

BARCODE:20010156

Item Name: Perfume Toner

Category: Toner

Supplier: Princess Production

UOM: BTL

Unit Cost: RM18

Unit Price: RM60

Balance Quantity: 10

Do you want to search another item information?

- [1] YES [2] NO

1

[ITEM]

BARCODE:20030232

Item Name: Perfume Primer

Category: Primer

Supplier: Princess Production

Colour: Tone Up Perfector - Blue

UOM: BTL
Unit Cost: RM15
Unit Price: RM60
Balance Quantity: 15

Do you want to search another item information?

[1] YES [2] NO

2

[1] ITEM
[2] GOOD RECEIVED NOTE
[3] PURCHASE RETURN
What do you want to do?

2

[GOOD RECEIVED NOTE]
Document Number: D0100124
Supplier Code: PP5566
Supplier Name: Princess Production
Date: 26/01/2022

Item Barcode:
20020200
Item Name: Perfume Lipstick (Neon Red)
Quantity: 50

Item Barcode:
20020210
Item Name: Perfume Lipstick (Preppy Red)
Quantity: 50

Item Barcode:
20010156
Item Name: Perfume Toner
Quantity: 80

Item Barcode:
20030232
Item Name: Perfume Primer (Tone Up Perfector - Blue)
Quantity: 70

Information has been saved. Here is your report.

Document Number: D0100124
Supplier Code: PP5566
Supplier Name: Princess Production
Date: 26/01/2022

Barcode:	Item Name:	Quantity:
20020200	Perfume Lipstick (Neon Red)	50
20020200	Perfume Lipstick (Preppy Red)	50
20020210	Perfume Toner	80
20010156	Perfume Primer (Tone Up Perfector - Blue)	70

[1] ITEM
[2] GOOD RECEIVED NOTE
[3] PURCHASE RETURN
What do you want to do?

3

[PURCHASE RETURN]
Document Number: PR100056
Supplier Code: PP5566
Supplier Name: Princess Production
Date: 26/01/2022

Item Barcode:
20020200
Item Name: Perfume Lipstick (Neon Red)
Quantity: 10
Reason: Damaged Packaging

Item Barcode:
20020210
Item Name: Perfume Lipstick (Preppy Red)
Quantity: 6
Reason: Damaged Packaging

Item Barcode:
20010156
Item Name: Perfume Toner
Quantity: 8
Reason: Broken Bottle

Item Barcode:
20030232
Item Name: Perfume Primer (Tone Up Perfector - Blue)
Quantity: 9
Reason: Damaged Packaging

Information has been saved. Here is your report.

Document Number: PR100056

Output 2 (Jewellery):

Welcome to "Beauty Empire" Company

MAIN MENU

Please choose a category that you need

- [1] MAKE UP (CHECK STOCK) *STAFF ONLY*
- [2] JEWELLERY (PURCHASE OF JEWELLERY)
- [3] PERFUME (CATEGORY)
- [4] SKIN CARE (PURCHASE OF SKIN CARE PRODUCT)
- [5] HAIR (DONATION)

2

```
0      0      0      0 0 0 0 0 0 0 0      0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0
0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0      0      0 0 0 0 0 0 0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0 0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0      0      0      0 0 0 0 0 0 0 0
```

!!!!!!WELCOME TO THE BEAUTY EMPIRE!!!!!!

==WELCOME TO GOLD JEWELLERY EMPIRE==

Please log in your account.

Username: ang

Password: 123458

Password wrong. Please login again.

Username: ang

Password: 123456

Login successfully....

Please choose your budget range and gram.

Note: Less than 5g need to pay wage cost

Your budget range:

1500

Your gram:

4

Ring: 2.1g

Ear Ring: 1.56g

Total gold price: RM878

Wage:RM250

Delivery:RM30

Packaging:RM15

Insurance:RM50

TOTAL: RM 1223

[1] Proceed Order or [2] Cancel Order

1

PLEASE ENTER YOUR DETAILS

1. Please enter your name:

Oliver Ang

2. Please enter your NRIC:

0123-01-012345

3. Please enter your email:

oliver@hotmail.com

5. Please enter your contact number:

012-3456789

6. Please enter your address:

0123 Jalan Sri Putri 1 Taman Putri

```
=====
=====PERSONAL DETAILS=====
=====
Name      : Oliver Ang
NRIC      : 0123-01-012345
Email     : oliver@hotmail.com
Contact number : 012-3456789
Address   : 0123 Jalan Sri Putri 1 Taman Putri
=====
=====
```

```
0 0 0 0 0 0 0 0      0      0      0 0 0      0 0 0      0      0      0      0      0      0      0      0      0      0
0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0 0 0 0 0 0      0      0 0 0 0 0      0      0      0      0      0      0      0      0      0      0
0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0      0      0      0      0 0 0 0 0      0      0      0      0      0      0      0      0      0      0
```

!!!!!!Thank you for your visit!!!!!!

Output 3 (Perfume):

Welcome to "Beauty Empire" Company

MAIN MENU

Please choose a category that you need

- [1] MAKE UP (CHECK STOCK) *STAFF ONLY*
- [2] JEWELLERY (PURCHASE OF JEWELLERY)
- [3] PERFUME (CATEGORY)
- [4] SKIN CARE (PURCHASE OF SKIN CARE PRODUCT)
- [5] HAIR (DONATION)

3

```
0      0      0      0 0 0 0 0 0 0 0 0      0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0
0      0 0 0      0      0      0      0      0      0      0      0      0      0      0      0      0
0 0 0 0 0      0      0 0 0 0 0 0 0 0 0      0      0      0      0      0      0      0      0 0 0 0 0 0 0 0 0
0 0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0      0      0      0 0 0 0 0 0 0 0 0
```

!!!!!!WELCOME TO THE BEAUTY EMPIRE!!!!!!

==WELCOME TO SUGARBOMB EMPIRE==

Please log in your account.

Username: ang

Password: 123458

Password wrong. Please login again.

Username: ang

Password: 123456

Login successfully....

SUGARBOMB EMPIRE

CATEGORY

ACCOUNT

Which one do you want to see (enter 1 to see category) : 1

Here are all the category of perfume in our shop:

WOMEN EDP 30 ML

WOMEN EDT 10 ML

MEN EDP 30 ML

MEN EDT 10 ML

PARFUM

SCARLET EDITION

FRUITIES SERIES

Enter the category that you want to see : PARFUM

PARFUM | PRICE (RM 49.00)

Intense

Blast

Julia

Isabelle

Elisa

Roselle

Layla

How many perfume that you want : 2

Choose your perfume : BLAST

How many quantity that you want for this perfume: 1

Add to cart : BLAST

Enter the price : RM 49.00

Do you want to choose another perfume? [Y/N] = Y

Choose your perfume : JULIA

How many quantity that you want for this perfume: 1

Add to cart : JULIA

Enter the price : RM 49.00

Do you want to choose another perfume? [Y/N] = N

Total Price RM 98.0

Pay the perfume : RM 100.00

Your change RM 2.0

YOU HAVE MADE THE PAYMENT FOR THIS PERFUME.

Output 4 (Skin Care):

Welcome to "Beauty Empire" Company

MAIN MENU

Please choose a category that you need

- [1] MAKE UP (CHECK STOCK) *STAFF ONLY*
- [2] JEWELLERY (PURCHASE OF JEWELLERY)
- [3] PERFUME (CATEGORY)
- [4] SKIN CARE (PURCHASE OF SKIN CARE PRODUCT)
- [5] HAIR (DONATION)

4

```
0      0      0      0 0 0 0 0 0 0 0 0      0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0
0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0 0      0 0      0      0 0 0 0 0 0 0 0 0      0      0      0      0      0      0      0      0 0 0 0 0 0 0 0 0
0 0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0 0
```

!!!!!!WELCOME TO THE BEAUTY EMPIRE!!!!!!

Please log in your account.

Username: mira

Password: 123458

Password wrong. Please login again.

Username: mira

Password: 123456

Login successfully....

Welcome to The Ordinary website, this is Beauty Empire!

PLEASE ENTER YOUR DETAILS

1. Please enter your name:

MIRA

2. Please enter your NRIC:

012345-01-0123

3. Please enter your email:

qnamiyaa88@gmail.com

5. Please enter your contact number:

012-3456789

6. Please enter your address:

no 40 jalan abg sulaihi 986900 kapit

```
=====
=====PERSONAL DETAILS=====
=====
Name          : MIRA
NRIC           : 012345-01-0123
Email          : qnamiyaa88@gmail.com
Contact number : 012-3456789
Address        : no 40 jalan abg sulaihi 986900 kapit
=====
```

```
*****
*           Welcome to The Ordinary House of Beauty, this is Beauty Empire!           *
*_____*
*
*Dear customer, before you proceed,
*We would like to inform that
*You can't buy more than 1 serum to experience free shipping!
*And you can add only two ingredient into your Serum.
*You will be charge RM20 if you add more than two ingredients into you Serum
*****
```

Would You like to see the pricelist? [Y/N] :

Y

What a great Choice! Here is the ingredient!

Price-List for 30ml Serum :

```
*****
*
*      INGREDIENTS      QUANTITY      PRICE      *
*_____*
*      Niacinamide 10%      1      30      *
*      Zinc 1%      1      25      *
*      Alpha Arbutin 2%      1      45      *
*      Beta Hydroxy 2%      1      35      *
*      Hyaluronic Acid 2%      1      30      *
*      Alpha Hydroxy Acid 30%      1      35      *
*_____*
```

Price-List for 60ml Serum :

Output 5 (Hair):

Welcome to "Beauty Empire" Company

MAIN MENU

Please choose a category that you need

- [1] MAKE UP (CHECK STOCK) *STAFF ONLY*
- [2] JEWELLERY (PURCHASE OF JEWELLERY)
- [3] PERFUME (CATEGORY)
- [4] SKIN CARE (PURCHASE OF SKIN CARE PRODUCT)
- [5] HAIR (DONATION)

5

```
0      0      0      0 0 0 0 0 0 0 0      0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0
0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0      0
0 0 0 0 0 0      0 0 0 0 0 0 0 0      0      0      0      0      0      0      0      0 0 0 0 0 0 0 0
0 0      0 0      0      0      0      0      0      0      0      0      0      0      0      0      0
0      0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0 0 0 0 0 0 0 0      0      0      0 0 0 0 0 0 0 0
```

!!!!!!WELCOME TO THE BEAUTY EMPIRE!!!!!!

Please log in your account.

Username: **qianyu**

Password: **123458**

Password wrong. Please login again.

Username: **qianyu**

Password: **123456**

Login successfully....

National Cancer Society Malaysia (NCSM) had organized a campaign recently

This campaign is to raise public awareness on the prevention, screening and early detection of cancer through education and raising funds for the patients.

MINI salon had organized this hair donation event to support the campaign organized by NCSM and to help patients that are suffering from cancer!

The public is welcome to take part in this event to show us your support!

~~~~~  
If you are interested to join our event, please enter 1

If you are not interested, please enter 2.

Are you interested to join?

1

Thanks for your participation!

You have to fill in your details for the registration purpose in this event.

\*PLEASE ENTER YOUR DETAILS\*

1. Please enter your name:

**Jenny Cheah**

2. Please enter your NRIC:

**0123-01-012345**

3. Please enter your email:

**qianyu@gmail.com**

5. Please enter your contact number:

**012-3456789**

6. Please enter your address:

**0123 Jalan Permas 1 Taman Permas**

=====PERSONAL DETAILS=====

Name : Jenny Cheah  
NRIC : 0123-01-012345  
Email : qianyu@gmail.com  
Contact number : 012-3456789  
Address : 0123 Jalan Permas 1 Taman Permas

=====

Please enter your age:

**22**

Please enter your gender:

**female**

=====

Age : 22  
Gender : female

=====

For your information,

We will collect an amount of fees from participant according to their category in order to raise fund for the patient in need.  
For each participant, the event organizer, MINI salon will donate extra RM 5 to NCSM to support their campaign.

Hi, Miss/Mrs. Your fee is RM 10.

Please select your payment method:

- 1 - cash payment
- 2 - online transfer payment

2

