**GROUP J**

**Question 15 and 16 on page 24**

Question 15

#include <iostream>

using namespace std;

int main(){

 double MYR\_TO\_TRY=0.5997,MYR,turkish\_Lira;

 cout<<"Enter amount of money:RM ";

 cin>>MYR;

 turkish\_Lira=MYR \* MYR\_TO\_TRY;

 cout<<"The amount of money in turkish lira is :"<< turkish\_Lira<<" TRY"<<endl;

return 0;

}

|  |  |
| --- | --- |
| Test Data | Result |
| RM 5.00 | 2.9985 TYR |
| RM 2.00 | 1.1994 TYR |
| RM 6.00 |  3.5982 TYR |

Question 16

#include <iostream>

using namespace std;

int main(){

 int time,days,hours,minutes,remaintime;

 cout<<"Enter time: ";

 cin>>time;

 days= time/(60\*24);

 remaintime=time%(60\*24);

 hours=remaintime/60;

 remaintime=time%60;

 minutes=remaintime%60;

 cout<<days<<" day "<<hours<<" hour "<<minutes<<" minutes "<<endl;

 return 0;

}

|  |  |
| --- | --- |
| Test Data | Result |
| 8924 | 6 Day 4 Hour 44 Minutes |
| 732 | 0 Day 12 Hour 12 Minutes |
| 56 | 0 Day 0 Hour 56 Minutes |

Page 25 , Question 17

Content of variable

length = 2.5

width = 15.3

area = 38.25

Page 25 , Question 18

Content of variable

UnitSale = 1500

PricePerUnit = 20.00

CostPerUnit = 15.00

TotalCost = 22500

TotalSale = 30000

TotalProfit = 7500

Page 25 , Question 19

Fahrenheit = 80.6

Celcius = 27

Page 27 , Question 1

 a. Variables

length = 10

width = 20

area = 200

 b. area = length \* width

area = 10 \* 20

area = 200

 c. Area = 200

The data type is int , so the result remain the same because the data type is not double .

 d. Area = 204.2

 The data type is double .

Page 29 , Question 4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line No. | number1 | number2 | z | code | word |
| 1 |  |  |  |  |  |
| 2 | 6 |  |  |  |  |
| 3 |  | 13 |  |  |  |
| 4 |  |  | 2.25 |  |  |
| 5 |  |  |  | ‘F’ |  |
| 6 |  | 3 |  |  |  |
| 7 |  |  | 15.3 |  |  |
| 8 | 24 |  |  |  |  |
| 9 |  |  |  |  | “Great” |
| 10 |  | 6 |  |  |  |
| 11 |  |  |  | ‘D’ |  |
| 12 | 24+D |  |  |  |  |
| 13 |  |  | 24+D-15.3= 8.7 |  |  |

Page 28 , Question 2

Output:

t1 is 0 because the initial value of t1 is zero thus if 0 multiple with a number it get zero

t2 is 24.5 because 3 multiples 3 u get nine but when u modulus it with 4 u get 1 as the remainder and the 1 is divided by 3 u get zero, thus 24.5 minus zero u get 24.5

Page 28 , Question 3

a) Output:

x1 is 0

x2 is 2

i is 2

i is 5

k is 12

z is 7

f is 0

b) Output:

The value of x is 1

The value of b is 1