#include<stdio.h>

int main (void)

{

int age;

int bankbal;

printf( "Enter Age: " );

scanf( "%d", &age);

printf( "Enter Bank Balance: " );

scanf( "%d", &bankbal);

if ( age <=18 && bankbal <= 100000)

{

printf("Gift: School Bag");

}

else if ( age <=18 && bankbal > 100000)

{

printf("Gift: Tablet");

}

else if ( age > 18 && bankbal <= 100000)

{

printf("Gift: Traveling bag");

}

else if ( age > 18 && bankbal > 100000)

{

printf("Gift: Rice Cooker");

}

return 0;

}

//3.15

#include<stdio.h>

int main (void)

{

char packagetype;

int quntity, foodtype;

float price;

printf( "Enter package Type: " );

scanf( "%c%\*c", &packagetype);

if ( packagetype == 'S')

{

printf( "Enter Quntity: ");

scanf( "%d", &quntity);

price = 10000.0\*quntity;

}

else if ( packagetype == 'G' )

{

printf( "Enter Quntity: ");

scanf( "%d", &quntity);

price = 25000.0\*quntity;

}

else

{

printf( "Invalid Package Type");

return 0;

}

printf( "Enter Food Type: ");

scanf( " %d", &foodtype);

if ( foodtype == 1)

{

price = price + ( 1000.0\* quntity);

}

else if ( foodtype == 2)

{

price = price + ( 2000.0\* quntity);

}

else if ( foodtype == 3)

{

price = price + ( 1500.0\* quntity);

}

else

{

printf( "Invalid Food Type" );

return 0;

}

printf( "Total Price : %.2f", price);

return 0;

}

#include<stdio.h>

int main (void)

{

char count=0;

do

{

char insurancetype, type;

int numberofchildren;

float monthlypre;

printf( "\nEnter Your Insurance Type ( Arogya(A), Niduk(N), Digasiri(D), Suwawewa(S)): ");

scanf( "%c%\*c", &insurancetype);

if ( insurancetype == 'A')

{

printf( "Family or Individual [Family(F), Individual(I)]: ");

scanf( "%c%\*c", &type );

if ( type == 'F' )

{

printf ( "Enter Number of children: ");

scanf( "%d", &numberofchildren);

if ( numberofchildren > 2 )

{

monthlypre = 5200.0 + (5200.0\*10/100.0);

printf("Montly Premium: %.2f", monthlypre);

}

else

{

monthlypre = 5200;

printf("Montly Premium: %.2f", monthlypre);

}

}

else if ( type == 'I')

{

monthlypre = 4500;

printf("Montly Premium: %.2f", monthlypre);

}

}

else if ( insurancetype == 'N')

{

printf( "Family or Individual [Family(F), Individual(I)]: ");

scanf( "%c%\*c", &type );

if ( type == 'F' )

{

printf ( "Enter Number of children: ");

scanf( "%d", &numberofchildren);

if ( numberofchildren > 2 )

{

monthlypre = 4300.0 + (4300.0\*10/100.0);

printf("Montly Premium: %.2f", monthlypre);

}

else

{

monthlypre = 4300;

printf("Montly Premium: %.2f", monthlypre);

}

}

else if ( type == 'I')

{

monthlypre = 3100;

printf("Montly Premium: %.2f", monthlypre);

}

}

else if ( insurancetype == 'D')

{

printf( "Family or Individual [Family(F), Individual(I)]: ");

scanf( "%c%\*c", &type );

if ( type == 'F')

{

printf ( "Enter Number of children: ");

scanf( "%d", &numberofchildren);

if ( numberofchildren > 2 )

{

monthlypre = 4800 + (4800.0\*10/100.0);

printf("Montly Premium: %.2f", monthlypre);

}

else

{

monthlypre = 4800;

printf("Montly Premium: %.2f", monthlypre);

}

}

else if ( type == 'I')

{

monthlypre = 3600;

printf("Montly Premium: %.2f", monthlypre);

}

}

else if ( insurancetype == 'S')

{

printf( "Family or Individual [Family(F), Individual(I)]: ");

scanf( "%c%\*c", &type );

if ( type == 'F')

{

printf ( "Enter Number of children: ");

scanf( "%d", &numberofchildren);

if ( numberofchildren > 2 )

{

monthlypre = 3800 + (3800.0\*10/100.0);

printf( "Montly Premium: %.2f", monthlypre );

}

else

{

monthlypre = 3800;

printf( "Montly Premium: %.2f", monthlypre );

}

}

else if( type == 'I')

{

monthlypre = 3300;

printf( "Montly Premium: %.2f", monthlypre );

}

}

else

{

printf("Invalid Insurance Type");

return 0;

}

printf( "\n\nDo you want to contionue(Y/N): ");

scanf( "%c%\*c", &count);

}while ( count == 'Y' || count == 'y');

return 0;

}

#include<stdio.h>

int main (void)

{

char count;

do

{

int itemcode;

int quntity;

char customertype;

float discount, total;

printf( "Item code: " );

scanf( "%d", &itemcode );

printf( "Quntity: ");

scanf( "%d", &quntity );

if ( itemcode == 1)

{

total = (float)530\*quntity;

}

else if ( itemcode == 2 )

{

total = (float)300\*quntity;

}

else if( itemcode == 3 )

{

total = (float)950\*quntity;

}

else

{

printf("invalid Item");

return 0;

}

printf( "Customer Type: ");

scanf("%\*c%c", &customertype);

if ( customertype == 'L')

{

discount = total\*(25/100.0);

printf("Discount: %.2f", discount);

}

else if( customertype == 'N')

{

discount = total\*(float)(5/100.0);

printf("Discount: %.2f", discount);

}

else

{

printf("Invalid customer type");

return 0;

}

total = total - discount;

printf("\nTotal amount: %.2f",total);

printf("\nDo you need to continue(Y/N): ",count);

scanf("%\*c%c", &count);

} while ( count == 'Y' || count == 'y');

return 0;

}

//3.15

#include<stdio.h>

int main (void)

{

char packagetype;

int quntity, foodtype;

float price;

printf( "Enter package Type: " );

scanf( "%c%\*c", &packagetype);

if ( packagetype == 'S')

{

printf( "Enter Quntity: ");

scanf( "%d", &quntity);

price = 10000.0\*quntity;

}

else if ( packagetype == 'G' )

{

printf( "Enter Quntity: ");

scanf( "%d", &quntity);

price = 25000.0\*quntity;

}

else

{

printf( "Invalid Package Type");

return 0;

}

printf( "Enter Food Type: ");

scanf( " %d", &foodtype);

if ( foodtype == 1)

{

price = price + ( 1000.0\* quntity);

}

else if ( foodtype == 2)

{

price = price + ( 2000.0\* quntity);

}

else if ( foodtype == 3)

{

price = price + ( 1500.0\* quntity);

}

else

{

printf( "Invalid Food Type" );

return 0;

}

printf( "Total Price : %.2f", price);

return 0;

}