Program Code:

#include<iostream>

#include<iomanip>

using namespace std;

 int main()

 {

    int no\_of\_categories=2, no\_of\_products, no\_of\_batches;

    cout<<"\n\n\t/\*\*\*\*Well Come to Warehouse Inventory and Management System\*\*\*\*/"<<endl;

    char categories[2]={'D','F'};   //D for dairy and F for fruits Because we can't use strings.

    for(int i=0;i<2;i++) //Loop to go through different categories.

    {

        cout<<"Category: "<<categories[i]<<endl<<endl;

        //For 1st Category: Dairy.

        if(i==0)

        {

            char Products[2]={'M','C'};    // M for Milk, and C for Cheese.

            for(int j=0;j<2;j++)//Loop to go through various products within "Dairy" category.

            {

                cout<<"\tProduct: "<<Products[j]<<endl;

                //For 1st product: Milk

                if(j==0)

                {

                    int Batches[3]={3,7,0};

                    for(int k=0;k<3;k++)   //Loop to check different batches for expiry days.

                    {

                        if(Batches[k]<=0)   // Conditional statements to find if product has expired or will nearly or has long time.

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product Has Expired. Remove Immdiately"<<endl;

                        }

                        else if(Batches[k]>0 && Batches[k]<=5)

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product will expire in "<<Batches[k]<<" days. Be Careful!"<<endl;

                        }

                        else

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Long time to expire. Safe to keep!"<<endl;

                        }

                    }

                }

                //For 2nd Product: Cheese

                else if(j==1)

                {

                    int Batches[2]={4,12};

                    for(int k=0;k<2;k++)   //Loop to check different batches for expiry days.

                    {

                        if(Batches[k]<=0)   // Conditional statements to find if product has expired or will nearly or has long time.

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product Has Expired. Remove Immdiately"<<endl;

                        }

                        else if(Batches[k]>0 && Batches[k]<=5)

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product will expire in "<<Batches[k]<<" days. Be Careful!"<<endl;

                        }

                        else

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Long time to expire. Safe to keep!"<<endl;

                        }

                    }

                }

            }

        }

        // For 2nd Category: Fruits.

        else if(i==1)

        {

            char Products[2]={'A','G'};    // A for Apple, and G for Guvava.

            for(int j=0;j<2;j++)//Loop to go through various products within fruits category.

            {

                cout<<"\tProduct: "<<Products[j]<<endl;

                //For Apples

                if(j==0)

                {

                    int Batches[2]={0,9};

                    for(int k=0;k<3;k++)   //Loop to check different batches for expiry days.

                    {

                        if(Batches[k]<=0)   // Conditional statements to find if product has expired or will nearly or has long time.

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product Has Expired. Remove Immdiately"<<endl;

                        }

                        else if(Batches[k]>0 && Batches[k]<=5)

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product will expire in "<<Batches[k]<<" days. Be Careful!"<<endl;

                        }

                        else

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Long time to expire. Safe to keep!"<<endl;

                        }

                    }

                }

                //For Guvavas

                else if(j==1)

                {

                    int Batches[2]={7,18};

                    for(int k=0;k<3;k++)   //Loop to check different batches for expiry days.

                    {

                        if(Batches[k]<=0)   // Conditional statements to find if product has expired or will nearly or has long time.

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product Has Expired. Remove Immdiately"<<endl;

                        }

                        else if(Batches[k]>0 && Batches[k]<=5)

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Product will expire in "<<Batches[k]<<" days. Be Careful!"<<endl;

                        }

                        else

                        {

                            cout<<"\t\tBatch "<< k+1 <<": Long time to expire. Safe to keep!"<<endl;

                        }

                    }

                }

            }

        }

        cout<<endl<<endl<<endl;

    }

    return 0;

 }

Screenshot of output:

