**Void main()**

**}int x , km, m ,cm, mm,kg,g,mg;**

**Char unit;**

**COUT<<"enter your item";**

**CIN>>x;**

**COUT<<"select the unit";**

**CIN>>unit;**

**Switch (unit)**

**}case 'km':**

**M=x × 1000 ;**

**CM=x × 100000;**

**Mm =x × 1000000;**

**Cout <<m <<endl <<cm <<ENDL<<mm;**

**Break;**

**Case 'm':**

**Km = x × 0.001;**

**Cm =x × 100;**

**MM =x × 1000;**

**COUT<<KM<<endl<<cm<<ENDL<<mm;**

**Break;**

**Case 'cm':**

**KM =x ×0.00001;**

**M =x × 0.01;**

**Mm =x × 10;**

**Cout <<KM<< ENDL <<M<<endl<<MM;**

**Break;**

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**Case 'mm':**

**Km =x ×0.000001;**

**M =x × 0.001;**

**CM =x × 0.1;**

**COUT <<km << endl<< m <<ENDL<<cm ;**

**Break;**

**Case 'kg':**

**G=x × 1000;**

**Mg =x × 1000000;**

**COUT<<g <<ENDL<<mg;**

**Break;**

**Case 'g':**

**Kg =x ×0.001;**

**MG= x ×1000;**

**COUT<< KG<<ENDL<<mg;**

**Break;**

**Case 'mg':**

**KG=X × 0.000001;**

**G =x ×0.001;**

**COUT<<KG<<ENDL<<g;**

**Break;**

**Defult:**

**COUT<<"Error the unit its not correct";**

**Break;**

**{  
{**