P7)

#include<iostream>

using namespace std;

class herb

{

string hfood;

protected:

void setHFood()

{

cout<<"Enter the veg food it consumes\n";

cin>>hfood;

}

string getHFood()

{

return hfood;

}

};

class carn

{

string cfood;

protected:

void setCFood()

{

cout<<"Enter the non-veg food it consumes\n";

cin>>cfood;

}

string getCFood()

{

return cfood;

}

};

class omni:public herb,public carn

{

string ofood;

public:

void setOFood()

{

setHFood();

setCFood();

cout<<"Enter the food it consumes\n";

cin>>ofood;

}

void dispOFood()

{

cout<<"The foods are:"<<getHFood()<<" "<<getCFood()<<" "<<ofood<<endl;

}

};

int main()

{

omni obj;

obj.setOFood();

obj.dispOFood();

return 0;

}

OUTPUT:  
