#include<iostream>

#include<string>

using namespace std;

int n=44; //variables

string s="pakistan"; //variables s with string

void main()

{

int\* pn=&n; //initailized the pointer pn with the address of n

string\* ps=&s; //initailized the pointer ps with the address of s

cout<<"the value of n is="<<n<<endl;

cout<<"the address of n is="<<&n<<endl;

cout<<"sting is="<<s<<endl;

cout<<"the address of string is="<<&s<<endl;

cout<<"\n\n\npn address is="<<pn<<endl;

cout<<"ps address is="<<ps<<endl;

int m=\*pn; //initailized the m with the int to which pn points

string t=\*ps; //initailized the t with the string to which ps points

cout<<m<<endl;

cout<<t<<endl;

getchar();

getchar();

}