

```

#include <iostream>
#include<stdlib.h>
using namespace std;
int main()
{int arr[10],i,randm,k,ind,g,t=0;
for(i=0;i<10;i++)
{
    randm=rand()%10;
    arr[i]=randm;
}
cout<<"list of random number";
for(i=0;i<10;i++)
{
    cout<<arr[i]<<endl;
}
ind=rand()%10;
k=arr[ind];
cout<<"you have 3 chance for guesing"<<endl<<k<<":";
for(i=0;i<3;i++)
{
    cout<<"guess the selected number(from the given list)"<<endl;
    cin>>g;

for(i=0;i<10;i++)
{
    if(g==arr[i])
    { t=1;
      break;
    }
}
if(t==1)
{cout<<"the guess is valid and among the list\n";}
else
{cout<<"the number u guessed is not valid and not from the list
given\n";}

if(g<k)
{cout<<"the guessed number is smaller then then the selected
number\n";}
else if(g>k)
cout<<"the guessed number is greater then then the selected
number\n";
else if(g==k)
cout<<"\nCongratulations\" you are a Genious.\n ";
else
t=2;
}
if(t==2)
cout<<"better try next time\n";
return 0;
}

```