```
include<bits/stdc++.h>
using namespace std;
int main(){
  int a=5, b=567;
  int *p;
  cout<<p<<endl; //Points to Garbage Value(Address) Here -> 0x401a9b
  int *q=0;
  cout<<q<<endl; // 0
  p=0;
  cout<<p<<endl; // 0
  cout<<q<" And The Value is "<< *q <<endl; //0x61ff00 And The Value is 5</pre>
  w=\&b;
  cout<<w<" here Value is *w = "<<*w<<endl; // 0x61fefc here Value is *w = 567
  cout<<((*w)++)<<endl;
  cout << (++ (*w)) << endl;
  int *t=w;
  cout<<"w= "<<w<<" *w Value = "<<*w<<" And t= "<<t<<" *t Value = "<<*t<<endl;
```

```
// double *g =&i; Error "a value of type \"int *\" cannot be used to
initialize an entity of type\"double
   double e=45.836;
   double *v=&e;
   cout<<v<endl;
   v+=1;
   cout<<v<endl;
   // 0x61ff00
   // 0x61ff08
   return 0;
}</pre>
```

```
nclude<bits/stdc++.h>
using namespace std;
int main(){
   cout<<"Size Of arr = "<<sizeof(arr)<<endl;</pre>
   cout<<"Fourth Block Address "<<(arr+3)<<" And Value is "<<*(arr+3)<<endl;</pre>
   *arr-=10;
   cout<<"First Block Address "<<arr<< And Value is "<<*arr<<endl;</pre>
   cout<<" The Value of arr[5] = "< arr[5] < " Same as The Value of *(arr+5) = "<<
 (arr+5) << endl;
   cout<<" The Value of 5[arr] = "<<5[arr]<<" Same as The Value of *(5+arr) = "<<
 (5+arr) <<endl;
   cout<<"The Value Of 9th Block (9-1)[arr] ="<<(9-1)[arr]<<endl;</pre>
   int *u=arr;
   int *y=&arr[0];
   cout<<"Size of y = "<<sizeof(y)<<endl;</pre>
   cout<<"The Value of u = "<< u << " The Value of y = "<< y << endl;
```

```
include<bits/stdc++.h>
using namespace std;
int main(){
entity of type \"char [5]\"",
    char *ty="rty ";
   char *i="What A beauty ";
   cout<<ty;
   cout<<"See What Happen ";</pre>
   cout<<i<<endl;
```

```
#include<bits/stdc++.h>
using namespace std;
void inc(int *);
```

```
int main(){
   int* y=&i;
   cout<<"The Value Of i ="<<i<<endl;</pre>
   inc(&i);
   cout<<"The Value Of i ="<<i<<endl;</pre>
void inc(int *u) {
   cout<<"Pointer Value: "<<u<<endl;</pre>
   cout<<*u<<endl;</pre>
   cout<<"The New Value: "<<*u<<endl;</pre>
   u+=1;
   cout<<"The New Pointer VAlue "<<u<<endl;</pre>
   cout<<"Should be print A garbage Value "<<*u<<endl;</pre>
```