-----teacher-----

-----student-----

:: mithun :: 18 :: male

roll no :: 21 class :: 12th standard section :: b

name :: nithin age :: 27 gender :: male subject :: english salary :: 90000

salary

name age gender

```
nithin 27 male english 90000
mithun 18 male 21 12 b
 1 #include<iostream>
 2 using namespace std;
3 class person
 4 {
     int a;
char g[50];
public :
      void read ()
      cin>>c>>a>>g;
cout<<"\n\nname</pre>
                                 :: "<<c<<"\nage
                                                                 :: "<<a<<"\r
   char s[50];
22 cin>>s>>sal;
23 cout<<"subject :: "<<s<<"\nsalary :: "<<sal<<endl;
27 {
28 int r,cl;
29 char sec[50];
30 public :
   void read2()
33 cin>>r>>cl>>sec;
34 cout<<"roll no :: "<<r<<"\nclass :: "<<cl<<"th star
37 main()
     teacher t1;
student s1;
cout<<"-----teacher----\n";</pre>
     t1.read();
t1.read1();
cout<<"\n-----student-----\n";
      s1.read();
s1.read2();
```

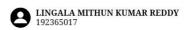




Run Sav

```
1 #include<iostream>
2 using namespace std;
3 class shape
4 {
    int l,b,h;
void read()
    {
1=5;
-6;
     b=6;
h=2.5;
13 };
14 class triangle : public shape
    float area,p;
area=0.5*h*b;
     cout<<"-----TRIANGLE------\nbase
cout<<"Area Of Triangle :: "<<area<<"\nperimete
28 public:
     void read2()
     '\nPeri
     triangle t1;
    t1.read();
t1.read1();
    rectangle r1;
r1.read2();
```

Your INPUT go's here! Give only values. do not give like a=10





Run Sav

```
1 #include<iostream>
2 using namespace std;
3 class animal
4 {
5    public:
6    void eat()
7    {
8         cout<<"dog and cat-->>"<<endl;
9    }
10 };
11 class cat : public animal
12 {
13 public:
14 void sleep()
15 {
16 cout<<"cat name :: pilli\ncatbread :: donga\n cat weigh
17 }
18 };
19 class dog : public cat
20 {
21 public:
22 void bark()
23 {
24 cout<<"dog name :: kukka\ndogbread :: langa\ndog weight
25 }
26 };
27 int main()
28 {
29 animal n;
30 cat cat1;
31 dog dog1;
31 n.eat();
32 cat1.sleep();
34 dog1.bark();
35 }</pre>
```

```
Your INPUT go's here! Give
only values. do not give like
a=10
```

dog and cat-->>
cat name :: pilli
catbread :: donga
cat weight :: 19kgs
cat colour :: white
dog name :: kukka
dogbread :: langa
dog weight :: 30kgs
dog colour :: black





Run Sav

Your INPUT go's here! Give only values. do not give like a=10

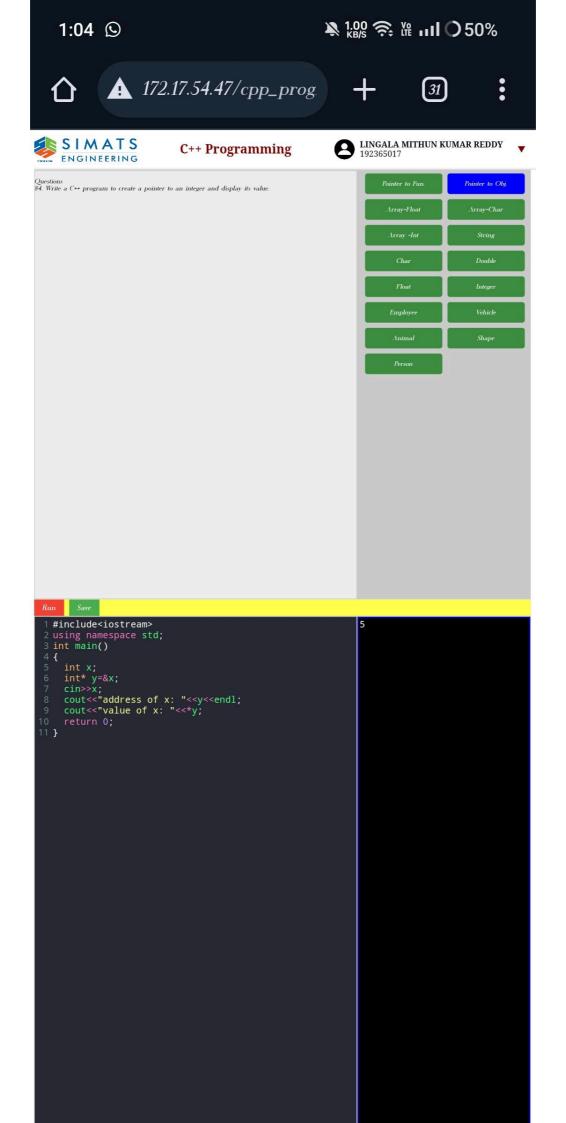


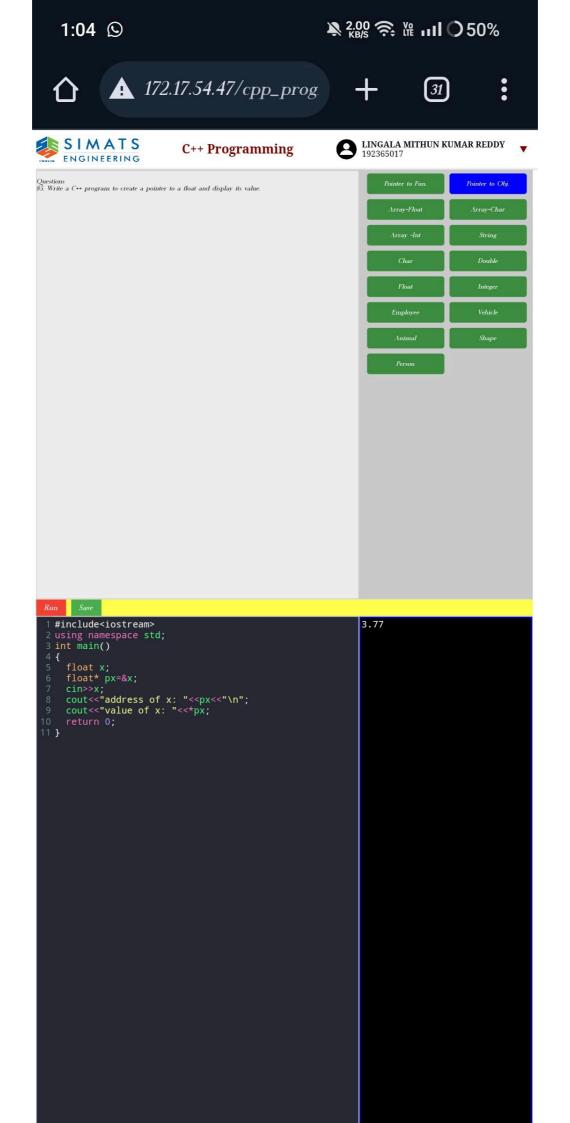


Run Sav

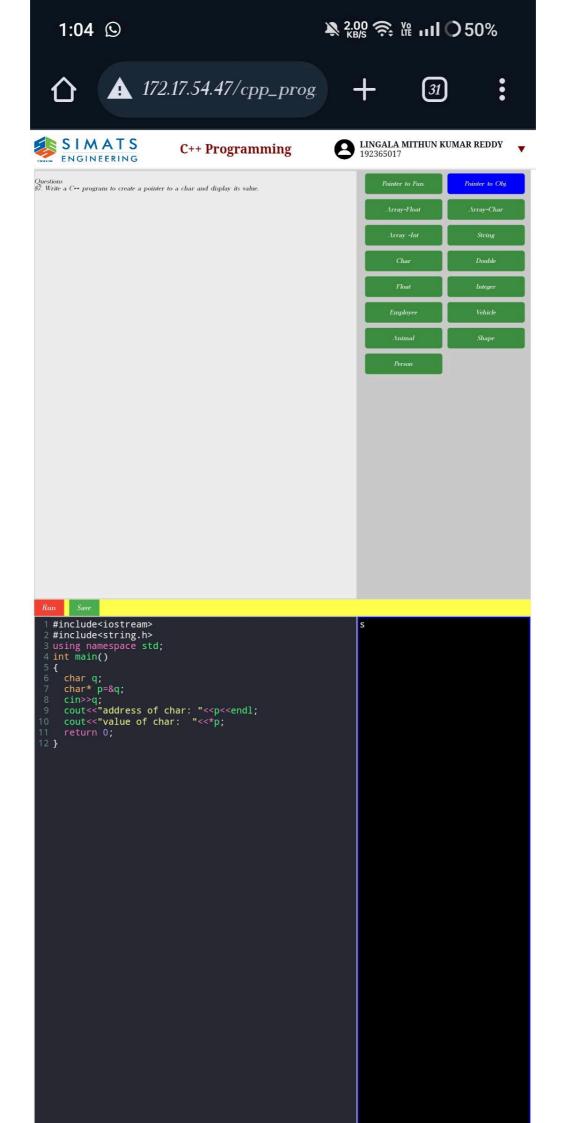
```
1 #include<iostream>
2 using namespace std;
3 class employee
4 {
5  public:
6  void read()
7  {
8   cout<<"employee types and details -->> manager and
9  }
10 };
11 class manager : public employee
12 {
13 public:
14 void read1()
15 {
16 cout<<"------MANAGER-------\n employeetype :: n
17 }
18 };
19 class engineer : public employee
20 {
21 public:
22 void read2()
23 {
24 cout<<"------ENGINEER-----\n employeetype :: e
25 }
26 };
27 int main()
28 {
29  manager e1;
30  e1.read1();
31  e1.read1();
32  engineer e2;
33  e2.read2();</pre>
```

```
Your INPUT go's here! Give
only values. do not give like
a=10
```



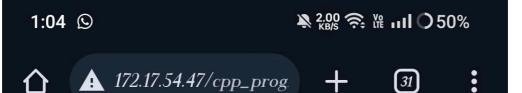








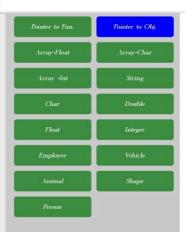








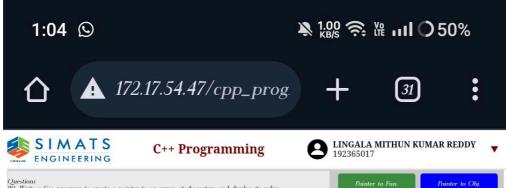
Questions 89. Write a  $C \leftrightarrow program$  to create a pointer to an array of integers and display its values.

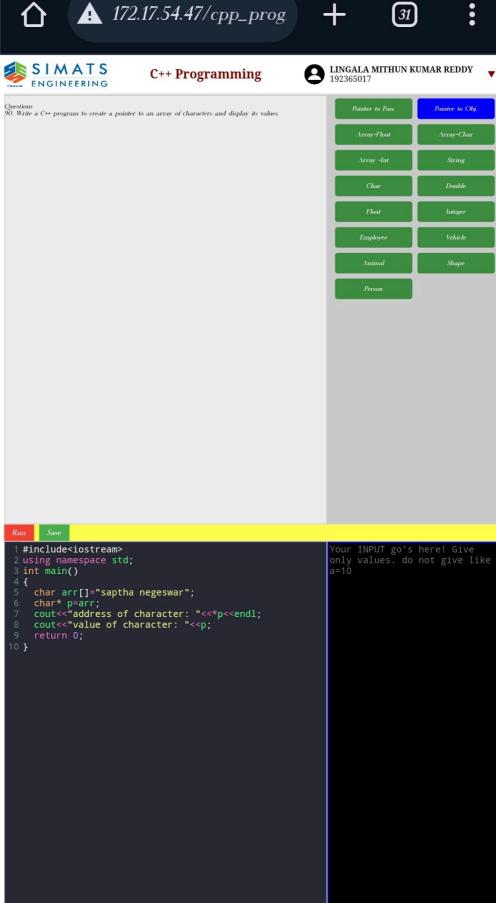


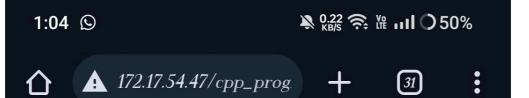
Run Save

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5   int i,arr[]={1,2,3,4,5};
6   int n=sizeof(arr)/sizeof(arr[0]);
7   int* p=arr;
8   cout<<"elements of array:\n";
9   for(i=0;i<n;i++)
1   cout<<*(p+i)<<" "<<endl;
12 }
13   cout<<"address of array: "<<p<<endl;
14   return 0;</pre>
```

Your INPUT go's here! Give only values. do not give like a=10











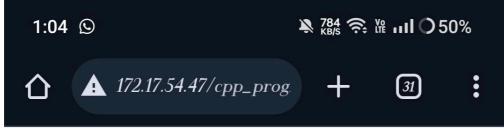
Questions
91. Write a C++ program to create a pointer to an array of floats and display its values.



Run Save

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5    float arr[]={1.2,3.4,5.6,7.8};
6    int n=sizeof(arr)/sizeof(arr[0]);
7    int i;
8    float* p=arr;
9    cout<<"elements in array:\n";
10    for(i=0;i<n;i++)
11    {
12       cout<<*(p+i)<<""<<endl;
13    }
14    cout<<"address of array"<<p;
15    return 0;
16 }</pre>
```

Your INPUT go's here! Give only values. do not give like a=10







Questions 93. Write a  $C \leftrightarrow program$  to create a pointer to a function and call the function using the pointer.



Run Save

```
1 #include<iostream>
2 using namespace std;
3 int add(int,int);
4 int add(int a,int b)
5 {
6    return a+b;
7 }
8 int main()
9 {
10    int (*p)(int,int);
11    p=&add;
12    int sum=(*p)(1234,5678);
13    cout<<"sum: "<<sum;
14    return 0;
15 }</pre>
```

Your INPUT go's here! Give only values. do not give like a=10