

```
Enter first time:  
Enter hours: 3  
Enter minutes: 23  
Enter seconds: 45  
Enter second time:  
Enter hours: 1  
Enter minutes: 28  
Enter seconds: 33
```

```
Time 1 in 24-hour format: 03:23:45  
Time 1 in 12-hour format: 03:23:45 AM
```

```
Time 2 in 24-hour format: 01:28:33  
Time 2 in 12-hour format: 01:28:33 AM
```

```
Sum of Time 1 and Time 2 in 24-hour format: 04:52:18  
Sum of Time 1 and Time 2 in 12-hour format: 04:52:18 AM
```

```
String 1: Engineers are  
String 2: Creatures of logic  
Concatenated String: Engineers are Creatures of logic
```

```
Constructor called for Dept 1: Civil  
Constructor called for Dept 2: Computer  
Constructor called for Dept 3: Electrical  
Destructor called for Dept 3: Electrical. Object 3 goes out of scope.  
Destructor called for Dept 2: Computer. Object 2 goes out of scope.  
Destructor called for Dept 1: Civil. Object 1 goes out of scope.
```

```
Enter number of vehicles: 12  
Enter hours parked: 2  
Enter rate per hour: 10
```

```
Object p1:  
Total Charge: 18
```

```
Object p2 (Copy of p1):  
Total Charge: 18
```

```
Enter initial value for non-const object: 3  
Const object calling const member function:  
Value: 3  
Non-const object calling non-const member function:  
Value: 20  
Non-const object calling const member function:  
Value: 20
```

```
Object 1 Serial Number: 1  
Object 2 Serial Number: 2  
Object 3 Serial Number: 3  
Total Objects Created: 3
```

```
Enter coordinates of first point (x y): 3 4
Enter coordinates of second point (x y): -3 2
Sum of points: (0, 6)
Product of points: (-9, 8)
Quotient of points: (-1, 2)
Difference of points: (6, 2)
```

```
Enter x, y, z for first point: 3 4 5
Enter x, y, z for second point: 2 3 1
Point 1: (3, 4, 5)
Point 2: (2, 3, 1)
Result of addition: (5, 7, 6)
Result of subtraction: (1, 1, 4)
```

```
Enter value for first integer: 3
Enter value for second integer: 2
n1 == n2 : 0
n1 < n2  : 0
n1 > n2   : 1
n1 != n2  : 1
n1 <= n2  : 0
n1 >= n2  : 1
```

```
Enter year, month, day: 2005 06 17
Original Date:
2005-06-17

After prefix increment:
2005-06-18

After postfix increment:
2005-06-19
```

Enter distance (meters): 4.43

4.43m = 4m 42cm

Enter meters and centimeters: 4 20

MC: 4 m 20 cm

FI: 13.7795 f

Enter feet and inches: 5 8

FI: 5 f 8 i

MC: 1 m 72 cm

String Instruments:

veena

guitar

sitar

sarod

mandolin

Wind Instruments:

flute

clarinet

saxophone

nadhaswaram

piccolo

Percussion Instruments:

tabla

mridangam

bongos

drums

tambour

Type of instruments to be displayed:

a. String instruments

b. Wind instruments

c. Percussion instruments

Enter your choice (a/b/c): a

String Instruments:

veena

guitar

sitar

sarod

mandolin

```
Enter details for Person 1:
Enter name: Asmit
Enter age: 22
Name: smit
Age: 22
Address of this object: 0x7016c0
Size of this object: 32 bytes
```

```
Enter details for Person 2:
Enter name: Ram
Enter age: 12
Name: Ram
Age: 12
Address of this object: 0x706f90
Size of this object: 32 bytes
```

```
Enter details for Student 1:
Enter name: Asm
Enter age: 4
Enter student ID: 3333
Name: Asm
Age: 4
Student ID: 3333
Address of this object: 0x706fb8
Size of this object: 32 bytes
```

```
Enter details for Student 2:
Enter name: Prasmit
Enter age: 5
Enter student ID: 4444
Name: rasmit
Age: 5
Student ID: 4444
Address of this object: 0x706ff8
Size of this object: 32 bytes
```

```
Enter details for Employee 1:
Enter name: Asmi
Enter age: 6
Enter employee ID: 2222
Enter salary: 1
Name: smi
Age: 6
Employee ID: 2222
Salary: 1
Address of this object: 0x707038
Size of this object: 32 bytes
```

```
Enter details for Employee 2:
Enter name: Asmee
Enter age: 26
Enter employee ID: 1111
Enter salary: 22
Name: Asmee
Age: 26
Employee ID: 1111
Salary: 22
Address of this object: 0x707080
Size of this object: 32 bytes
```

```
Enter real part: 3
Enter imaginary part: 4
```

```
Enter real part: 1
Enter imaginary part: 2
```

```
(4, 6)
(2, 2)
```

```
Circle:
Area: 78.5
Rectangle:
Area: 40
Trapezoid:
Area: 70
Trapezoid destructor called
Rectangle destructor called
Circle destructor called
```

You are cute.

```
Engineering student
Medicine student
Science student
```

```
Vehicle-1 is a Bus.
Type of vehicle-1: 3Bus
Type of vehicle-2: 3Car
Type of vehicle-3: 4Bike
Vehicle Destroyed.
Vehicle Destroyed.
Vehicle Destroyed.
```