

Q.1 What is the output of the following program when executed.

```
# include < iostream.h>
Inty y,
Void fun One (in & int);
Void fun Two (int, in &);
Int main ( ) {

Int first, second = 7,
Y = 6.
Fun one (first, second)l
Fun one (first, second)
Cout << first << second <<" " << y<< endl<< endl.
Fun Two (first, second).
Cout MM first << second<< <<y<< endl<< endl.
Return 9.}.
Void fun one (int & a, int b)]
Static int first = 2,
First = first b + 12.
A = b - 2'.
Cout << first <<.
B = first + 4,
Void fun two (int u, int & v)}
Into second,
Second = y.
V= second + 4.
Y = U + v; }
```

Q2. Write C++ statements that do the followings:

- a. Define an enum type, currencytype, with the values mark, dollar, lira, Ro, and JOd,
- b. Declare a variable mycurrency of the type currencytpe and assign RO to the variable mycrurency.
- c. Advance (increment) my currency to the next value in the list.
- d. Output the value of the variable my currency.

My answer.

a)

b)

c)

d)

Q.3. Write a C++ program that uses a one-dimensional array to store the temperature for each day of the month February, 2003 (28 days). The program should output (print) all the temperature (i. e. the elements of the array) in reverse order and the smallest (lowest) temperature of the month (assume that all temperatures are different). Your program should include the following functions.

- a. Function get Data: This function reads and stores data in the one dimensional array.
- b. Function index Low Temp: this function return the index (position) of the lowest temperature in the array.

c. Function reverse Array: this function rearranges the elements of the one dimensional array in reverse order.

Example:

The array before reversing:

25	18	20	.	.	.									17	22	19
----	----	----	---	---	---	--	--	--	--	--	--	--	--	----	----	----

The array after reversing:

19	22	17	.	.	.									20	18	25
----	----	----	---	---	---	--	--	--	--	--	--	--	--	----	----	----

// My answer: the complete program after filling the missed statements, key words, ... etc.

```
# include < isostream. H>
```

```
... get Data
```

```
Index low temp.
```

```
Reverse Array(
```

```
Int main () {
```

```
Int array temp (28).
```

```
Return 0, ]//end of main.
```

```
Get data (
```

```
Index low temp.
```

Reverse Array

Q.1 Write a C++ program that reads a file of real numbers then prints the minimum value on a screen.

Q.2. What is the output of the following program?

```
# include < isoteam >
```

```
Using namespace std;
```

```
Int x;
```

```
Void mickey (int &, int);
```

```
Void Minnie (int , int #)
```

```
Int main ( ).
```

```
Int fitst,
```

```
Int second = 5,
```

```
Mickey (first, second).
```

```
Cout << (first >> second << << x << end 1;
```

```
Minnie (first, second).
```

```
Cout << first << second << MM x << end 1.
```

```
Return 0.
```

```
}
```

```
Void mickey (int& a, int b);
```

```
{
```

```
Int first:
```

```
First = b + 12,
```

```
a = 2 * b;
```

```
b = first + 4,
```

```
}
```

```
Void Minnie (int u, int $ v),
```

```
{
```

```
Int second;
```

```
Second = x.
```

```
V= second + 4.
```

```
X = U + v1
```

```
}
```

Q.3 Write a C++ program that reads the number of credit hours, collage code ('E' engineering collage, " : medicine collage, S: collage of sciences, I: collage of IT) for every student student (the input is terminated by reading zero for credit hours), then finds & prints the amount that should be paid by the student assuming that one credit hours costs 20. J. D. s for medicine collage, 15 for engineering, 10 for collage of science and 15 for It collage.

Hint: You have to use a value – returning function to calculate the amount that should be paid.