C++ Current Data and Time

```cpp
/*
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Computer Programming Asignment's
*/
        // Current Time Date Program
#include <iostream>
#include <ctime>
using namespace std;
int main(){
    // current date/time based on current system
    time_t now = time(0);
    // convert now to string form
    char* dt = ctime(&now);
    cout << "\n\nThe local date and time is: " << dt << endl;
    // convert now to tm struct for UTC
    tm *gmtm = gmtime(&now);
    dt = asctime(gmtm);
    cout << "The UTC date and time is:"<< dt << endl;
    system("pause");
}
```

```c
#include <stdlib.h>
#include <stdio.h>
enum {false, true};
int main()
{
    int i = 1;
    do
    {
        printf("%d\n", i);
        i++;
        if (i < 15)
            continue;
    } while (false);

    getchar();
    return 0;
}
```

```cpp
#include<iostream>
using namespace    std;
int   main()
{
    int   a;
    cout << "Please enter the size: \n"   ;
    cin >> a;
    for (int   b = a; b >= 1; b - -)
    {
        for (int   c = a; c >= 1; c - -  )
    {
        cout << "*";
    }
    cout << endl ;
    a - -;
}
    system ("pause");
}
```

Output of this code 😃
```c
#include <stdio.h>

int main()
{
    int i, j;
    for(i=5;i>=1;i--)
    {
        for(j=1;j<=i;j++)
        {
            printf("*");
        }
        printf("\n");
    }

    return 0;
}
```

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Write a message...

What is the output of this Program ??

```
<html>
<body>

<?php
$colors = array("red", "green", "blue", "yellow");

foreach ($colors as $value) {
  echo "$value <br>";
}
?>

</body>
</html>
```

Output??

a) red green blue yellow
b) yellow blue green red
c) green red blue yellow
d) red green yellow blue

```c
#include<stdio.h>
#include<string.h>

int main()
{
    char str[] = "Hello";

    strcat(str,"\0");

    printf("%s",str);

    return 0;
}
```

```cpp
#include<iostream.h>
int main() {
    int x = 10, y = 20;
    int *ptr = &x;
    int &ref = y;
    *ptr++;
    ref++;
    cout<< x << " " << y;
    return 0;
}
```

```c
#include<stdio.h>
void fun(char*);

int main()
{
    char a[50];
    a[0] = 'A'; a[1] = 'B';

    fun(&a[0]);

    printf("%c %c",*a,a[0]);

    return 0;
}

void fun(char *a)
{
    *a++ = a[1];
}
```

```cpp
1.    #include <iostream>
2.    using namespace std;
3.    void print(int i)
4.    {
5.        cout << i;
6.    }
7.    void print(double  f)
8.    {
9.        cout << f;
10.   }
11.    int main(void)
12.    {
13.        print(5);
14.        print(500.263);
15.        return 0;
16.    }
```

a) 5500.263

b) 500.2635

c) 500.263

d) none of the mentioned

Output?

```c
#include<stdio.h>
int reverse(int);

int main()
{
   int no=5;
   reverse(no);

   return 0;
}

int reverse(int no)
{
   if(no == 0)
      return 0;
   else
      printf("%d,", no);

   reverse (no--);
}
```

Options

a) Print 5,4,3,2,1

b) Print 1,2,3,4,5

c) Print 5,4,3,2,1,0

d) Infinite Loop

Question: What is the output of the Program?

```
1.    #include <stdio.h>
2.    using namespace std;
3.    int main ()
4.    {
5.        int array[] = {0, 2, 4, 6, 7, 5, 3};
6.        int n, result = 0;
7.        for (n = 0; n < 8; n++) {
8.            result += array[n];
9.        }
10.        cout << result;
11.        return 0;
12.    }
```

C++

a) 25
b) 26
c) 27
d) None of the Mentioned

Question # 32

Choose the right Option?

Which of these literals can be contained in a data type 'float' variable?

a) 1.7e-308

b) 3.4e-038

c) 1.7e+308

d) 3.4e-050

Java

Question # 32

Choose the right Option?

Which of these literals can be contained in a data type 'float' variable?

a) 1.7e-308

b) 3.4e-038

c) 1.7e+308

d) 3.4e-050

Question # 36

Choose the right Option?

What is the output of the following program.

```cpp
#include <iostream>
    #include <cstring>
    using namespace std;
    int main ()
    {
        char str1[10] = "Hello"
        char str2[10] = "World";
        char str3[10];
        int  len ;
        strcpy( str3, str1);
        strcat( str1, str2)
        len = strlen(str1);
        cout << len << endl;
        return 0;
    }
```

a)   5
b)   55
c)   11

d)   10

Question # 37

Choose the right Option?

What is the output of the following program.

```cpp
#include <iostream>
    #include <string>
    using namespace std;
    int main ()
    {
        string str ("computer");
        string::reverse_iterator r;
        for (r = str.rbegin() ; r < str.rend(); r++ )
            cout << *r;
        return 0;
    }
```

a) computer
b) retupmo
c) retupmoc
d) retmo

What is the Output Of this Program ??

```cpp
#include <iostream>
#include <conio.h>
using namespace std;

void AddPrint(){
    static int S=1;
    S++;
    cout<<S;
    }

int main(){
    AddPrint();
    AddPrint();
    AddPrint();
    getch();
}
```

Answer is ??

a) 111

b) 123

c) 234

d) 345

What will be the output ?

int a[ ][ ]= new int[3][ ];
System.out.print(a[0][0]);

A. 0
B. null
C. [[I@aede59e
D. Run time error
E. Compile time error
F. None of these

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```
1.      #include <stdio.h>
2.      using namespace std;
3.      int array1[] = {1200, 200, 2300, 1230, 1543};
4.      int array2[] = {12, 14, 16, 18, 20};
5.      int temp, result = 0;
6.      int main()
7.      {
8.          for (temp = 0; temp < 5; temp++) {
9.              result += array1[temp];
10.         }
11.         for (temp = 0; temp < 4; temp++) {
12.             result += array2[temp];
13.         }
14.         cout << result;
15.         return 0;
16.     }
```

What is the Output Of this Program ??

```cpp
#include <conio.h>
#include <iostream>
   using namespace std;
   int main()
   {
      int array[] = {10, 20, 30};
      cout << -2[array];
      getch();
   }
```

Answer is ??

a) -15   b) -30

c) 30   d) -20

What is the output of this Program...??

```c
#include<stdio.h>
void main()
{
    char a='9',b='8',c;
    c=a+b;
    printf("%c",c);
}
```

CPA's

What is the output of this Program ?

```cpp
#include <iostream>
using namespace std;
int main(){

    int x=20, y=10;
    ++x+=y+2;

    cout<<x<<"\t"<<y<<endl;
    system("pause");
}
```

Output ???

a) 20   10
b) 32   12
c) 33   10
d) 10   32

CPA's

What will be the output of the following program?

```php
<?php
   $a = 5;
   $b = 5;
   echo ($a === $b);
?>
```

Answer??

a) 5 === 5

b) Error

c) 1

d) False