IT QUIZ

CYBROS

Team Name :

Members :

C Programming

Q) Give outputs: :

1)

```c
#include<stdio.h>
int main()
{
     printf(8 + "_We_love_Cybros_");
     return 0;
}
```

A) e_Cybros_   **B) _Cybros_**

C) Cybros_   **D) None of the above**

2)

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

int main()
{
     char s[] = "Hello!";
     printf("%d\n", *(s+strlen(s)));
     return 0;
}
```

A) \0   **B) 0**

C) NULL   **D) Error**

3)

```c
#include<stdio.h>

int main(void)
{
     int i = 3, j, k;

     j = sizeof (++i + i++);
     k= ++i + ++i ;

     printf("i=%d j=%d k=%d", i, j, k);

     return 0;
}
```

Consider int occupies 4 bytes?

A) i=6 j=8 k=12   **B) i=5 j=4 k=10**

C) i=7 j=8 k=13   **D) i=5 j=4 k=9**

4)

```c
#include <stdio.h>
int main(void)
{
  int a, b, c, d;
  a = 3;
  b = 5;
  c = a, b;
  d = (a, b);

  printf("c=%d  ", c);
  printf("d=%d\n", d);

  return 0;
}
```

A) c=3 d=3   B) c=3 d=5

C) c=5 d=3   D) c=5 d=5

5)

```c
#include<stdio.h>
void fun(int *i, int *j)
{
   *i = *i**i;
   *j = *j**j;
}
int main()
{
   int i=5, j=2;
   fun(&i, &j);
   printf("%d, %d", i, j);
   return 0;
}
```

A) 5,2   B) 25,2

C) 2,5   D) 25,4

6)

```c
#include <stdio.h>
int main()
{
   int i=0,x;

   if (x=0)
      printf("x is zero");
   else
      printf("x is not zero");
}
```
Ans.

7)

```
#include <stdio.h>

int main(void)
{
  char p;
  char buf[10] = {1, 2, 3, 4, 5, 6, 9, 8};

  p = (buf + 1)[5];
  printf("%d\n", p);

  return 0;
}
```

A) 5   **B) 6**

C) 9   **D) None of the above**

8) printf("the string is %d", printf(" xyz "));
Ans.

9) What should be the "condition" so that the following code snippet prints HelloWorld

```
    if  "condition"
      printf ("Hello");
    else
      printf("World");
```

Ans.

HTML

Q) Which two basic computer programs (softwares) are required to run an HTML file?

Q)
What is the basic difference between HTML and C?

Linux

Q)
After repeated mentioning of the importance of using Linux in the previous Cybros classes, you have finally decided to give it a try. You wanted to check whether the basic file operations can be performed using the terminal or not. So, you fire up the terminal in linux. You will be in your (i.e. current user's) home folder.

Write linux commands to do the following:

1) Know the current working directory

2) Change directory to Desktop

3) Make a new directory named "y14_rocks"

4) Change directory to "y14_rocks"

5) Create a file named "cybros.txt"

6) Enter the calendar of the year 2014 in it
(**HINT:** Use redirection operator '>')

7) Append this text in the file.
 "These cybros guys are awesome !**"**   :)

8) Count the number of words in the file

9) Change to parent directory

10) Delete the whole directory "y14_rocks"