1

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int i;

    for(i=0;i<5;i++){

         int i=10;

         printf(" %d",i);

         i++;

    }

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 10 11 12 13 14 |  |
| (B) | 10 10 10 10 10 |  |
| (C) | 0 1 2 3 4 |  |
| (D) | Compilation error |  |

2

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    register a,b,x;

    scanf("%d %d",&a,&b);

    x=a+~b;

    printf("%d",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 0 |  |
| (B) | It will be difference of a and b |  |
| (C) | It will be addition of a and b |  |
| (D) | Compilation error |  |

3

What will be output if you will execute following c code?

#include<stdio.h>

auto int a=5;

int main(){

    int x;

    x=~a+a&a+a<<a;

    printf("%d",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 5 |  |
| (B) | 0 |  |
| (C) | 153 |  |
| (D) | Compilation error |  |

4

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    register int a,b;

    int c;

    scanf("%d%d",&a,&b);

    c=~a + ~b + ++a + b++;

    printf(" %d",c);

    return 0;

}

//User input is: 1 2

|  |  |  |
| --- | --- | --- |
| (A) | -1 |  |
| (B) | 0 |  |
| (C) | 1 |  |
| (D) | Compilation error |  |

5

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int arr[3]={10,20,30};

    int x=0;

    x = ++arr[++x] + ++x + arr[--x];

    printf("%d ",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 22 |  |
| (B) | 23 |  |
| (C) | 43 |  |
| (D) | 44 |  |

6

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int a[]={10,20,30,40};

    int i=3,x;

    x=1\*a[--i]+2\*a[--i]+3\*a[--i];

    printf("%d",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 30 |  |
| (B) | 60 |  |
| (C) | 90 |  |
| (D) | Compilation error |  |

7

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    static int a[][2][3]={0,1,2,3,4,5,6,7,8,9,10,11,12};

    int i=-1;

    int d;

    d=a[i++][++i][++i];

    printf("%d",d);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 9 |  |
| (B) | 10 |  |
| (C) | 11 |  |
| (D) | Compilation error |  |

8

What will be output if you will execute following c code?

#include<stdio.h>

int f(int);

int main(){

    int i=3,val;

    val=sizeof (f(i)+ +f(i=1)+ +f(i-1));

    printf("%d %d",val,i);

    return 0;

}

int f(int num){

        return num\*5;

}

|  |  |  |
| --- | --- | --- |
| (A) | 2 3 |  |
| (B) | 4 3 |  |
| (C) | 3 2 |  |
| (D) | Compilation error |  |

9

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int x,a=3;

    x=+ +a+ + +a+ + +5;

    printf("%d  %d",x,a);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 10 3 |  |
| (B) | 11 3 |  |
| (C) | 10 5 |  |
| (D) | Compilation error |  |

10

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int num,i=0;

    num=-++i+ ++-i;

    printf("%d",num);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 0 |  |
| (B) | 1 |  |
| (C) | -2 |  |
| (D) | Compilation error |  |

11

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int num,a=5;

    num=-a--+ +++a;

    printf("%d  %d",num,a);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 1 5 |  |
| (B) | -1 6 |  |
| (C) | 1 6 |  |
| (D) | 0 5 |  |

12

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int num,a=15;

    num=- - - -a--;

    printf("%d  %d",num,a);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 15 14 |  |
| (B) | 14 15 |  |
| (C) | 14 14 |  |
| (D) | 15 15 |  |

13

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int x,a=2;

    x=++a,++a,a++;

    printf("%d  %d",x,a);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 5 5 |  |
| (B) | 3 5 |  |
| (C) | 4 5 |  |
| (D) | 5 4 |  |

14

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    int x,i=2;

    x=~-!++i;

    printf("%d",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | -2 |  |
| (B) | -1 |  |
| (C) | 0 |  |
| (D) | 1 |  |

15

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    static double \*p,\*q,\*r,\*s,t=5.0;

    double \*\*arr[]={&p,&q,&r,&s};

    int i;

    \*p=\*q=\*r=\*s=t;

    for(i=0;i<4;i++)

        printf("%.0f  ",\*\*arr[i]);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 5 5 5 5 5 |  |
| (B) | 5 6 7 8 9 |  |
| (C) | Infinite loop |  |
| (D) | Run time error   |  | | --- | |  | |  |

16

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    float x;

    x=0.35==3.5/10;

    printf("%f",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 0.000000 |  |
| (B) | 1.000000 |  |
| (C) | 0.350000 |  |
| (D) | Compilation error |  |

17

#include<stdio.h>

int main(){

    int arr[]={6,12,18,24};

    int x=0;

    x=arr[1]+(arr[1]=2);

    printf("%d",x);

    return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 4 |  |
| (B) | 8 |  |
| (C) | 14 |  |
| (D) | Compilation error |  |

18

What will be output if you will execute following c code?

#include<stdio.h>

int sq(int);

int main(){

    int a=1,x;

    x=sq(++a)+sq(a++)+sq(a++);

    printf("%d",x);

return 0;

}

int sq(int num){

    return num\*num;

}

|  |  |  |
| --- | --- | --- |
| (A) | 15 |  |
| (B) | 16 |  |
| (C) | 17 |  |
| (D) | 18 |  |

19

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    printf("%c",\*"abcde");

return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | acbcd |  |
| (B) | e |  |
| (C) | a |  |
| (D) | NULL |  |

20

What will be output if you will execute following c code?

#include<stdio.h>

int main(){

    printf("%d","abcde"-"abcde");

return 0;

}

|  |  |  |
| --- | --- | --- |
| (A) | 0 |  |
| (B) | -1 |  |
| (C) | 1 |  |
| (D) | Garbage |  |