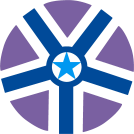
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**Vignan’s Institute Of Information Technology**

**Burst The Bug**

**Level~1**

Details:

Team No:

Name1: Name2:

Reg.No: Reg.No:

College name:

Mobile No:

**Questions:**

**[1]. What is the output of the below Code**

**#include<stdio.h>**

**void main()**

**{**

**int a,b,\*p1,\*p2,;**

**p1=&a,p2=&b;**

**scanf("%f %f",&a,&b);**

**scanf("%d %d",&a,&b);**

**p1[1]=&a;**

**p2[1]=&b;**

**scanf("%x %x",&a,&b);**

**p1[2]=&a;**

**p2[2]=&b;**

**printf("%d %d",\*p1,\*p2);**

**}**

**Inputs given are 2 ,4, 5, 7, 1, 9 :**

**Output:**

**a)compile time error b)garbage value along with 2 4**

**c)runtime error d)1 9**

**[2] .What is the output of the below Code**

**#include<stdio.h>**

**int main()**

**{**

**enum color{red,green,blue};**

**typedef enum color mycolor;**

**mycolor m=green;**

**printf("%d",m);**

**return 0;**

**}**

**Options: a)green b)1 c)red d)2**

**[3].What is the output of the below Code**

**#include<stdio.h>**

**int x=898754;**

**void main()**

**{**

**int x=6428756;**

**printf("%d %d",x,x);**

**}**

**Options: a)898754 6428756 b)6428756 6428756**

**c)898754 898754 d)6428756 898754**

**[4]. What is the output of the below Code**

**#include<stdio.h>**

**float fun(int \*a)**

**{**

**int i=(\*(a+1))+0[a]\*(\*(2+a));**

**return i;**

**}**

**int main()**

**{**

**int a[3]={9,4,3},y;**

**y=fun(a);**

**printf("%d",printf("%u\t",y));**

**return 0;**

**}**

**Output: a)31 3 b)runtimeerror c)compilation error d)1 32**

**[5].**

**#include<stdio.h>**

**int figure(int);**

**void main()**

**{**

**int c;**

**int a=25;**

**c=figure(a);**

**printf("%d",c);**

**}**

**int figure(int a)**

**{**

**int b=a;**

**if(b>1)**

**return (a-1\*figure(a-1));**

**else**

**return b;**

**}**

**Output: a)29 b)28 c)13 d)39**

**[6].**

**#include<stdio.h>**

**#include<stdlib.h>**

**#include<math.h>**

**int main()**

**{**

**int i,j;**

**for(i=0,j=0;i<3,j<=3;i++,j++)**

**{**

**sorted(i,j);**

**}**

**printf("%d %d",i,j);**

**return 0;**

**}**

**Options : a)3,3 b)compile time error c)garbage values d)4,4**

**[7].**

**#include<stdio.h>**

**#include<stdlib.h>**

**void main()**

**{**

**char s[]="helloworld";**

**int i;**

**for(i=0;s[i]!='\0';i++)**

**{**

**if(i%2==0)**

**{**

**s[i]='a';**

**toupper(s[i]);**

**}**

**}**

**printf("%s",s);**

**}**

**Output: a)AeAlAwArAd b)hAlAoAoRlD**

**c)aealawarad d)helloworld**

**[8].**

**#include<stdio.h>**

**void main()**

**{**

**static int arr[4][4][5][7]={10,20,30,58,47,69};**

**int \*ptr;**

**ptr=(int\*)arr;**

**printf("%d\t",ptr[2]);**

**printf("%d",\*ptr+++23);**

**}**

**output: a)compile error b)runtime error**

**c)30 33 d)garbage values**

**[9].**

**#include<stdio.h>**

**union test**

**{**

**int x,y;**

**};**

**int main()**

**{**

**union test t;**

**t.x=2;**

**printf("%d %d\t",t.x,t.y);**

**t.y=1;**

**printf("%d %d",t.x,t.y);**

**}**

**output: a)segmentation Fault b)2 2 2 2**

**c)2 2 1 1 d)runtime error**

**[10].**

**#include<stdio.h>**

**int display();**

**int main()**

**{**

**int i,c=5,s=0;**

**for(i=0;i<c;i++)**

**{**

**s=s+display();**

**}**

**printf("%d",s);**

**}**

**int display()**

**{**

**static int c=5;**

**c=c++ / ++c + --c;**

**return c;**

**}**

**Output: a)30 b)37 c)40 d)35**

**[11].**

**#include<stdio.h>**

**#define print(exp)printf(#exp"=%d",exp);**

**enum var{a=11,b,c=14,d};**

**int main()**

**{**

**int x=11,y=3;**

**print(d+x/y-b);**

**return 0;**

**}**

**Output: a)d+x/y-b=6 b)Runtime Error**

**b)=6 d)Compiletime error**

**[12].**

**#include<stdio.h>**

**void main()**

**{**

**int \_=4;**

**printf("%d %d",\_++,\_);**

**}**

**output: a)5 4 b)comple timeerror c)garbage values d)4 5**

**[13].**

**#include<stdio.h>**

**int c=1;**

**char\* fun(char \*a)**

**{**

**if(c>3)**

**{**

**a=fun(a+1);**

**c=c+1;**

**}**

**return (a+c);**

**}**

**int main()**

**{**

**char \*x,\*y;**

**x="hello";**

**y=fun(x);**

**printf("%s",y);**

**return 0;**

**}**

**Output: a)hello b)ello c)lo d)compilation error**

**[14].**

**#include<stdio.h>**

**int main()**

**{**

**int i;**

**for(i=5;i>0;--i)**

**{**

**printf('%d',i);**

**}**

**return 0;**

**}**

**output:**

**a)compile time error and segmentation fault b)54321**

**c)runtime error and segmentation fault d)4321**

**[15].**

**#include<stdio.h>**

**int main()**

**{**

**int n=3,u,c=0;**

**for(u=0 ;c<2;/\*u++\*/ )**

**{**

**n=n+1;**

**c++;**

**}**

**printf("%d",n);**

**return 0;**

**}**

**Output: a)Compile time error b)Runtime error**

**c)Garbage value d)5**

**[16].**

**#include<stdio.h>**

**int main()**

**{**

**int c=-11112,v,n=1;**

**v=Vista(c,n);**

**printf("%d",v);**

**return 0;**

**}**

**int Vista(int c, int n)**

**{**

**if(c &n==0)**

**return c^n;**

**return Vista(c^n,(c&n)<<1);**

**}**

**Output: a)-11113 b)-11111 c)-11112 d)-11110**

**[17].**

**#include<stdio.h>**

**void main()**

**{**

**char ch=0;**

**while(ch=='O')**

**{**

**printf("LOOP");**

**break;**

**}**

**}**

**Output: a)LOOP b)Compiletime error**

**c)runs infinitely d)No output**

**[18].**

**#include<stdio.h>**

**int Debug(int);**

**int Debug(int a)**

**{**

**int b=a;**

**return (a[3]+7);**

**}**

**int main()**

**{**

**int c;**

**int d=(1,2,3,4,5,6,7,8,9,10);**

**c=Debug(d);**

**printf("%d %d %d",a[3]+4,a[5]+3,a[6]+1);**

**return 0;**

**}**

**Output: a)Garbage values b)Runtime error**

**c)Compiletime error d)8 9 8**

**[19].**

**which of the following is incorrect syntax for CALLOC():**

**Options:**

**a)ptr=(float\*) calloc(25,sizeof(float));**

**b)ptr= calloc (25,sizeof(float));**

**c)float \*ptr=(float\*)calloc(25,sizeof(float));**

**d)ptr=(float\*) calloc(25\*sizeof(float));**

**[20].**

**#include<stdio.h>**

**void main()**

**{**

**int n=7, j, c=0;**

**for(j=0;j<6;j++)**

**{**

**c=c+1;**

**}**

**n=++n+j;**

**printf("%d ",n--\*(++c));**

**}**

**Options: a)168 b)225 c)196 d)210**

**[21].**

**#include<stdio.h>**

**void main()**

**{**

**char c=128;**

**unsigned char uc=128;**

**printf("%d %d",c ,uc);**

**}**

**Options : a)128 -128 b)-128 128**

**c)Garbage values d)128 0**

**[22].**

**#include<stdio.h>**

**void main()**

**{**

**char arr[15],\*ptr="BURST THE BUG";**

**arr[15]=\*ptr;**

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

**}**

**Output: a)B b)BURST THE BUG**

**c)compiletime error d)Garbage values**

**[23].**

**#include<stdio.h>**

**void main()**

**{**

**int num;**

**num=1;**

**c:**

**printf("%d",num);**

**num++;**

**if(num<10)**

**{**

**num=num+1;**

**goto c;**

**}**

**}**

**Options: a)02468 b)13579 c)Error d)Segmentation fault**

**[24].**

**#include<stdio.h>**

**void main()**

**{**

**int a=2,b=6;**

**switch(a)**

**{**

**case 1:**

**break;**

**case 2:**

**printf("%d",a);**

**break;**

**case 2:**

**printf("%d",b);**

**break;**

**}**

**}**

**Output: a)2 b)2 6 c)Compilation error d)6**

**[25].**

**#include<bits/stdc++.h>**

**int main()**

**{**

**int a=3;**

**if(a==3) a=~a+3<<2;**

**else if(a!=3) a=~a;{;}**

**printf("%d",a);**

**return 0;**

**}**

**Options: a)-8 b)-4 c)8 d)4**

**[26].**

**How many maximum number of arguments that can be able**

**to pass for "fgets()" function**

**Options : a)5 b)7 c)2 d)3**

**[27].**

**#include<stdio.h>**

**void main()**

**{**

**int n=7,i,c=0;**

**for(i=0;i<5;i++)**

**{**

**c=c+1;**

**}**

**printf("%d",i+c);**

**}**

**Options: a)9 b)10 c)11 d)12**

**[28].**

**#include<stdio.h>**

**int main()**

**{**

**int x=08;**

**printf("%d",x);**

**return 0;**

**}**

**options: a)compile time error b)8 c)0 d)garbage value**

**[29].**

**#include<stdio.h>**

**void main()**

**{**

**int a=10;**

**int b=14;**

**a=b-a;**

**printf("%d ",printf("%d %d",a,b),(b-1));**

**}**

**Options: a)runtime error b)13 4 14**

**c)14 4 13 d)4 14 4**

**[30].**

**#include<stdio.h>**

**#include<math.h>**

**void main()**

**{**

**int a=sqrt(0),b=sqrt(1);**

**if(a)**

**if(b)**

**printf("1");**

**else**

**printf("0");**

**}**

**options: a)1 b)0 c)No output d)Segmentation fault**

**signature:**