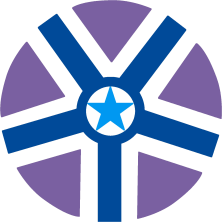
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**Vignan Institute of Information Technology**

**Burst the Bug**

**Level~2(i)**

**Team No:**

**Name1: Name2:**

**College: College:**

**MobileNO:**

**Questions:**

**[1].**

**#include<stdio.h>**

**int \*p,a=0;**

**void fun()**

**{**

**p=&a;**

**if(a<3)**

**{**

**\*p+=1;**

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

**fun();**

**printf("%d",\*p);**

**}**

**}**

**int main()**

**{**

**fun();**

**return 0;**

**}**

**Output: a)123 b)12333 c)123333**

**d)value of pointer along with Garbage value**

**[2].**

**#include<stdio.h>**

**#include<stdlib.h>**

**void main()**

**{**

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

**int i=0;**

**while(s[i]!=NULL)**

**{**

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

**{**

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

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

**}**

**i++;**

**}**

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

**}**

**Output: a)** **VaSaAaEaT b)vasaaaeat c)vAsAaAeAt d)VISTAFEST**

**[3].**

**#include<stdio.h>**

**#include<stdlib.h>**

**void main()**

**{**

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

**int i=0;**

**while(s[i]!=NULL)**

**{**

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

**{**

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

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

**}**

**i++;**

**}**

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

**}**

**Output:**

**a)AiAtAfAsA b)** **aIaTaFaSa c)VISTAFEST d)AIatAfAsA**

**[4].**

**#include<stdio.h>**

**#include<stdlib.h>**

**fun(int x)**

**{**

**return x<<3;**

**}**

**int main()**

**{**

**int x=006;**

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

**return 0;**

**}**

**Output:a)54 b)48 c)4800 d)24**

**[5].**

**#include<stdio.h>**

**#include<stdlib.h>**

**int main()**

**{**

**int a[5][3]={1,2,3,4,5};**

**void \*s=a;**

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

**return NULL;**

**}**

**Output: a)15 5 b)20 4 c)60 4 d)segementation fault with Void \***

**[6].**

**#include<stdio.h>**

**#include<stdlib.h>**

**int main()**

**{**

**int i=40>>5<<3;**

**printf("%x\t",i);**

**printf("%o",printf("%x ",i));**

**return 0;**

**}**

**Output: a)8 8 2 b)8 16 2 c)16 8 2 d)2 8 8**

**[7].**

**#include<stdio.h>**

**void main()**

**{**

**char \*v="VISTA";**

**char \*p=v;**

**printf("%d %c ",\*p,(char)printf("%d ",v[2]));**

**}**

**Output: a)83 86 Garbage value b)Garbagevalue 83 86**

**c) 86 83 Garbagevalue d)86 Garbagevalue 83**

**[8].**

**#include<stdio.h>**

**int main()**

**{**

**printf("S");**

**int main();**

**int add();**

**int sub();**

**printf("S");**

**int Sub();**

**return 0;**

**}**

**int add()**

**{**

**int x=67;**

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

**}**

**int sub()**

**{**

**int x=68;**

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

**}**

**Output:a) SS b)S C D S c)infiniteLoop d) CompileTimeerror**

**[9].**

**#include<stdio.h>**

**void main()**

**{**

**auto int x,j,i,k;**

**int a[5]={1,2,3,3,4,4};**

**(int)(char)a;**

**for(j=0;j<4;j++)**

**{**

**if(a[j]%2==0)**

**{**

**(char)multiplies(a[j]);**

**}**

**else{;;;;;}**

**}**

**for(k=0;k<4;k++)**

**{**

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

**}**

**}**

**Output: a) segmentationFault b)0000 c)1 2 1 3 1 2 4 d)Not Executable**

**[10].**

**#include<stdio.h>**

**void main()**

**{**

**int c=3,t;**

**for(t=0;t<10;t++)**

**{**

**c=c+2;**

**}**

**int j=(t+(c++))+(t--);**

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

**}**

**Output: a)57 b)42 c)43 d)56**

**KEY:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1.** | **2.** | **3.** | **4.** | **5.** |
| **6.** | **7.** | **8.** | **9.** | **10.** |