1. What will be output if you will compile and execute the following c code?

void main()

{

int i=320;

char \*ptr=(char \*)&i;

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

}

(A) 320

(B) 1

(C) 64

(D) Compiler error

Answer.C

1. What will be output if you will compile and execute the following c code?

#define x 5+2

void main()

{

int i;

i=x\*x\*x;

printf("%d",i);

}

(A) 343

(B) 27

(C) 133

(D) Compiler error

Answer. B

1. What will be output if you will compile and execute the following c code?

void main()

{

char c=125;

c=c+10;

printf("%d",c);

}

(A) 135

(B) +INF

(C) -121

(D) -8

Answer. C

1. What will be output if you will compile and execute the following c code?

void main()

{

float a=5.2;

if(a==5.2)

printf("Equal");

else

if(a<5.2)

printf("Less than");

else

printf("Greater than");

}

(A) Equal

(B) Less than

(C) Greater than

(D) Compiler error

Answer. B

1. What will be output if you will compile and execute the following c code?

void main()

{

int i=4,x;

x=++i + ++i + ++i;

printf("%d",x);

}

(A) 19

(B) 18

(C) 12

(D) Compiler error

Answer. A

1. What will be output if you will compile and execute the following c code?

void main()

{

int a=2;

if(a==2)

{

a=~a+2<<1;

printf("%d",a);

}

else

{

break;

}

}

(A) It will print nothing.

(B) -3

(C) -2

(D) Compilation error

Answer. D

1. What will be output if you will compile and execute the following c code?

void main()

{

int a=10;

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

}

(A) 12 11 12

(B) 12 10 10

(C) 11 11 12

(D) 10 10 12

Answer. A

1. What will be output if you will compile and execute the following c code?

void main()

{

char \*str="Hello world";

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

}

(A) 11Hello world

(B) 10Hello world

(C) Hello world10

(D) Hello world11

Answer. D

1. What will be output if you will compile and execute the following c code?

#include "stdio.h"

#include "string.h"

void main()

{

char \*str=NULL;

strcpy(str,"cquestionbank");

printf("%s",str);

}

(A) cquestionbank

(B) cquestionbank\0

(C) (null)

(D) Compiler error

Answer. D

1. What will be output if you will compile and execute the following c code?

#include "stdio.h"

#include "string.h"

void main()

{

int i=0;

for(;i<=2;)

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

}

(A) 0 1 2

(B) 0 1 2 3

(C) 1 2 3

(D) Compiler error

Answer. C

1. What will be output if you will compile and execute the following c code?

void main()

{

printf("%d",sizeof(5.2));

}

(A) 2

(B) 4

(C) 8

(D) 10

Answer. C

1. What will be output if you will compile and execute the following c code?

#include "stdio.h"

#include "string.h"

void main()

{

char c='\08';

printf("%d",c);

}

(A) 56

(B) ’8’

(C) 9

(D) null

Answer. A

1. What will be output if you will compile and execute the following c code?

#define call(x,y) x##y

void main()

{

int x=5,y=10,xy=20;

printf("%d",xy+call(x,y));

}

(A) 35

(B) 510

(C) 15

(D) 40

Answer.D

1. What will be output if you will compile and execute the following c code?

int \* call();

void main()  
{

int \*ptr;

ptr=call();

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

}

int \* call()

{

int a=25;

a++;

return &a;

}

(A) 25

(B) 26

(C) Any address

(D) Garbage value

Answer.B

1. What will be output if you will compile and execute the following c code?

void main()

{

int array[]={10,20,30,40};

printf("%d",-2[array]);

}

(A) -60

(B) -30

(C) 60

(D) Garbage value

Answer. B

1. What will be output if you will compile and execute the following c code?

void main()

{

int i=10;

static int x=i;

if(x==i)

printf("Equal");

else

if(x>i)

printf("Greater than");

else

printf("Less than");

}

(A) Equal

(B) Greater than

(C) Less than

(D) Compilation error

Answer. D

1. What will be output if you will compile and execute the following c code?

#define max 5;

void main()

{

int i=0;

i=max++;

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

}

(A) 5

(B) 6

(C) 7

(D) compilation error

Answer. D

1. What will be output if you will compile and execute the following c code?

void main()

{

double far\* p,q;

printf("%d",sizeof(p)+sizeof q);

}

(A) 12

(B) 8

(C) 4

(D) Compiler error

Answer. D

1. What will be the output

#include<stdio.h>

void main()

{

int a=5,b=6,c=11;

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

}

(A)Garbage value garbage value garbage value

(B) 6 11 garbage

(C)11 6 5

(D)Compiler error

Answer. B

1. What will be the output

#include<stdio.h>

void main()

{

char \*str="CQUESTIONBANK";

printf(str+9);

}

(A)CQESTIONBANK

(B)CQUESTION

(C)BANK

(D)Compiler error

Answer. C

1. What will be the output

#include<stdio.h>

void main()

{

printf("%d",printf("CQUESTIONBANK"));

}

(A)13CQUESTIONBANK

(B)CQUESTIONBANK13

(C)Garbage CQUESTIONBANK

(D)Compiler error

Answer. B

1. What will be the output

#include<stdio.h>

void main()

{

short int a=5;

printf("%d"+1,a);

}

(A)6

(B)51

(C)d

(D)Compiler error

Answer. C

1. What is the output

#include<stdio.h>

void main()

{

int i=85;

printf("%p %Fp",i,i);

}

(A)85 85

(B)0x55 0.000000p

(C)0055 FFFF:0055

(D)Compiler error

Answer. B

1. What will be the output

#include<stdio.h>

static struct student

{

int a;

int b;

int c;

int d;

}s1={6,7,8,9},s2={4,3,2,1},s3;

void main()

{

s3=s1+s2;

printf("%d %d %d %d",s3.a,s3.b,s3.c,s3.d);

}

(A)6789

(B)4321

(C)10101010

(D)Compiler error

Answer. D

1. What will be the output

#include<stdio.h>

extern struct student

{

int a;

int b;

int c;

int d;

}s={6,7,8,9};

void main()

{

printf("%d %d %d %d",s.a,s.b,s.c,s.d);

}

(A)6 7 8 9

(B)9876

(C)0000

(D)Compiler error

Answer. A

1. What will be the output

struct marks{

int p:3;

int c:3;

int m:2;

};

void main(){

struct marks s={2,-6,5};

printf("%d %d %d",s.p,s.c,s.m);

}

(a) 2 -6 5

(b) 2 -6 1

(c) 2 2 1

(d) Compiler error

Answer. C

1. What will be the output

#include<stdio.h>

struct student

{

int roll;

int cgpa;

int sgpa[8];

};

void main()

{

struct student s={12,8,7,2,5,9};

int \*ptr;

ptr=(int \*)&s;

printf("%d",\*(ptr+3));

}

(A)8

(B)7

(C)2

(D)Compiler error

Anwer.C

1. What will be output of following c code?

#include<stdio.h>

extern int x;

int main()

{

do{

do{

printf("%o",x);

}while(!-2);

}while(0);

return 0;

}

int x=8;

(A)10

(B)20

(C)8

(D)4

Answer. A

1. What will be output of following c code?

#include<stdio.h>

int main()

{

int i=2,j=2;

while(i+1?--i:j++)

printf("%d",i);

return 0;

}

1. 2
2. 4
3. 1
4. 3

Answer. C

1. What will be output of following c code?

#include<stdio.h>

int main()

{

int x=011,i;

for(i=0;i<x;i+=3)

{

printf("Start ");

continue;

printf("End");

}

return 0;

}

1. Start
2. Start start
3. Start End
4. Start Start Start

Answer. D

1. What will be output of following c code?

#include<stdio.h>

int main()

{

int i,j;

i=j=2,3;

while(--i&&j++)

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

return 0;

}

1. 2 3
2. 3 2
3. 1 3
4. 4 3

Answer. C

1. What will be output of following c code?

#include<stdio.h>

int main()

{

static int i;

for(++i;++i;++i)

{

printf("%d ",i);

if(i==4) break;

}

return 0;

}

1. 1 2 3 4
2. 2 4
3. 1 2 3
4. 3 4

Answer. B

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

char arr[7]="Network";

printf("%s",arr);

}

(A) Network

(B) N

(C) Garbage value

(D) Compilation error

Answer . C

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

char arr[11]="The African Queen";

printf("%s",arr);

}

(A) The African Queen

(B) Garbage value

(C) The African

(D) Compilation error

Answer. B

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

int const SIZE=5;

int expr;

double value[SIZE]={2.0,4.0,6.0,8.0,10.0};

expr=1|2|3|4;

printf("%f",value[expr]);

}

(A) 2.000000

(B) 4.000000

(C) 8.000000

(D) None of the above

Answer. D

As array size can’t be a constant

1. What will be output when you will execute following c code?

#include<stdio.h>

enum power

{

Dalai,

Vladimir=3,

Barack,

Hillary

};

void main()

{

float leader[Dalai+Hillary]={1.f,2.f,3.f,4.f,5.f};

enum power p=Barack;

printf("%0.f",leader[p>>1+1]);

}

(A) 1

(B) 2

(C) 3

(D) Compilation error

Answer. 2

1. What will be output when you will execute following c code?

#include<stdio.h>

#define var 3

void main()

{

char \*cricket[var+~0]={"clarke","kallis"};

char \*ptr=cricket[1+~0];

printf("%c",\*++ptr);

}

(A) a

(B) r

(C) l

(D) Compilation error

Answer. C

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

short num[3][2]={3,6,9,12,15,18};

printf("%d %d",\*(num+1)[1],\*\*(num+2));

}

(A) 12 18

(B) 18 18

(C) 15 15

(D) 12 15

Answer. C

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

char \*ptr="cquestionbank";

printf("%d",-3[ptr]);

}

(A) Garbage value

(B) -300

(C) -101

(D) Compilation error

Answer. C

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

long myarr[2][4]={0l,1l,2l,3l,4l,5l,6l,7l};

printf("%ld\t",myarr[1][2]);

printf("%ld%ld\t",\*(myarr[1]+3),3[myarr[1]]);

printf("%ld%ld%ld\t" ,\*(\*(myarr+1)+2),\*(1[myarr]+2),3[1[myarr]]);

}

(A) 5 66 776

(B) 6 77 667

(C) 6 66 776

(D) Compilation error

Answer. B

1. What will be the output?

#include<stdio.h>

void main(){

int const X=0;

switch(5/4/3){

case X: printf("Clinton");

break;

case X+1:printf("Gandhi");

break;

case X+2:printf("Gates");

break;

default: printf("Brown");

}

}

(A) Clinton

(B) Gandhi

(C) Gates

(D) compilation error

Answer. D

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

static int a=2,b=4,c=8;

static int \*arr1[2]={&a,&b};

static int \*arr2[2]={&b,&c};

int\* (\*arr[2])[2]={&arr1,&arr2};

printf("%d %d\t",\*(\*arr[0])[1], \*(\*(\*\*(arr+1)+1)));

}

(A) 2 4

(B) 2 8

(C) 4 2

(D) 4 8

Answer. D

1. What will be output when you will execute following c code?

#include<stdio.h>

typedef struct

{

char \*name;

double salary;

}job;

void main()

{

static job a={"TCS",15000.0};

static job b={"IBM",25000.0};

static job c={"Google",35000.0};

int x=5;

job \* arr[3]={&a,&b,&c};

printf("%s %f\t",(3,x>>5-4)[\*arr]);

}

double myfun(double d)

{

d-=1;

return d;

}

(A) TCS 15000.000000

(B) IBM 25000.000000

(C) Google 35000.000000

(D) null 0.000000

Answer. D

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

int a=5,b=10,c=15;

int \*arr[3]={&a,&b,&c};

printf("%d",\*arr[\*arr[1]-8]);

}

(A) 5

(B) 10

(C) 15

(D) Compilation error

Answer. C

1. What will be output when you will execute following c code?

#include<stdio.h>

void main()

{

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

printf("%d %d",arr[0][2],arr[1][2]);

}

(A) 3 5

(B)0 5

(C)0 5

(D)3 5

Answer. C

1. What will be output of following c code?

void main()

{

struct employee

{

unsigned id: 8;

unsigned sex:1;

unsigned age:7;

};

struct employee emp1={203,1,23};

printf("%d\t%d\t%d",emp1.id,emp1.sex,emp1.age);

}

1. 203 1 23
2. 203 23 1
3. 1 23 203
4. 1 203 23

Answer. A

1. What will be output of the following c program?

#include<stdio.h>

int main()

{

int goto=5;

printf("%d",goto);

return 0;

}

(A) 5

(B) \*\*

(C) \*\*

(D) Compilation error

Answer. D

1. What will be output of the following c program?

#include<stdio.h>

int main()

{

int \_=5;

int \_\_=10;

int \_\_\_;

\_\_\_=\_+\_\_;

printf("%i",\_\_\_);

return 0;

}

(A) 5

(B) 10

(C) 15

(D) Compilation error

Answer. C

1. What will be output of the following c program?

#include<stdio.h>

int main()

{

int class=150;

int public=25;

int private=30;

class = class >> private - public;

printf("%d",class);

return 0;

}

(A) 1

(B) 2

(C) 4

(D) Compilation error

Answer. C

1. What will be output of the following c program?

#include<stdio.h>

int main()

{

int abcdefghijklmnopqrstuvwxyz123456789=10;

int abcdefghijklmnopqrstuvwxyz123456=40;

printf("%d",abcdefghijklmnopqrstuvwxyz123456);

return 0;

}

(A) 10

(B) 40

(C) 50

(D) Compilation error

Answer. B

1. What will be output if you will execute following program by gcc compiler in Linux?

#include<stdio.h>

int main()

{

int a=5,b=10,c=15,d=20;

printf("%d %d %d");

return 0;

}

1. 5 10 15
2. 10 15 20
3. Garbage value
4. Compilation error

Answer. C

1. What will be output if you will execute following program by gcc compiler in Linux?

#include<stdio.h>

int main()

{

int i=5,j=5,y;

int x=++i + ++i + ++i;

y=++j + ++j + ++j;

printf("%d %d %d %d",x,y,i,j);

return 0;

}

1. 22 22 8 8
2. 24 24 9 9
3. 23 22 8 9
4. Compilation error

Answer . A

1. What will be output if you will execute following program by gcc compiler in Linux?

#include<stdio.h>

int main()

{

int near \*p;

int far \*q;

int huge \*r;

printf("%d %d %d",sizeof(p),sizeof(q),sizeof(r));

return 0;

}

1. 4 2 4
2. 4 4 4
3. 4 8 4
4. Compilation error

Answer. D

1. What will be output if you will execute following program by gcc compiler in Linux?

#include<stdio.h>

int main()

{

enum color{RED,BLUE,GREEN=-2,YELLOW,PINK};

printf("%d %d",BLUE,PINK);

return 0;

}

1. 2 0
2. 1 0
3. 2 0
4. 4 0

Answer. B

1. What will be output if you will execute following program by gcc compiler in Linux?

#include<stdio.h>

int main()

{

char c=127;

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

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

return 0;

}

1. -128 -127
2. 127 128
3. -128 -129
4. 128 -127

Answer. A

1. What will be output of following program?

#include<stdio.h>

int main()

{

int i = 3;

int \*j;

int \*\*k;

j=&i;

k=&j;

printf("%u %u %d ",k,\*k,\*\*k);

return 0;

}

(A) Address, Address, 3

(B) Address, 3, 3

(C) 3, 3, 3

(D) Compilation error

Answer. A

1. What will be output of following program?

#include<stdio.h>

#include<string.h>

int main()

{

register a = 25;

int far \*p;

p=&a;

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

return 0;

}

(A) 25

(B) 4

(C) Address

(D) Compilation error

Answer. D

1. What will be output of following program?

#include<stdio.h>

int main()

{

int a = 10;

void \*p = &a;

int \*ptr = p;

printf("%u",\*ptr);

return 0;

}

(A) 10

(B) Address

(C) 2

(D) Compilation error

Answer. A

1. What will be output of following program?

#include<stdio.h>

#include<string.h>

int main()

{

int a = 5,b = 10,c;

int \*p = &a,\*q = &b;

c = p - q;

printf("%d" , c);

return 0;

}

(A) 1

(B) 5

(C) -5

(D) Compilation error

Answer. A

1. What will be output of following program?

#include<stdio.h>

int main()

{

int \* p , b;

b = sizeof(p);

printf("%d" , b);

return 0;

}

(A) 2

(B) 4

(C) 8

(D) Compilation error

Answer. B