-Round 1

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| 1).  #include <stdio.h>  int fun(int n)  {  if(n<=2) return n;  return fun(n-1) + fun(n-3);  }  int main()  {  int n = 6;  printf("%d ", fun(n));  return 0;  } | 2).  #include <stdio.h>  int main() {  int x=6;  for(int i=0;i<=x;i+=2)  {  if(x-i<4)  printf("%d ",x-i+1);  else  printf("%d ",i\*i);  }  return 0;  } |
| 3).  #include <stdio.h>  int main() {  for(int i=1;i<=3;i++)  {  for(int j=1;j<=2;j++)  {  if(i\*j%2==0)  {  printf("%d ",i\*j);  }  }  }  return 0;  } | 4).  #include<stdio.h>  int main()  {  int i=20,j=10,k=20,l;  for(int m=0;m<=6 ;m++)  {  l=i++ + j++ - k++;  }  printf("%d, %d, %d, %d",l,k,j,i);  } |
| 5).  #include<stdio.h>  int main()  {  int m=15,k=2;  while(m>0){  if(m%2==0)  k=k+5;  else  k=k-3;  m-=1;  printf("%d %d \n" , k ,m);  if(m==k)  break;  }  printf("%d ",k);  } | 6).  #include<stdio.h>  int main()  {  int a=3,b=2,c=1;  int res = (a>b)?((b>c)?b:c):a;  printf("%d ",res);  } |
| 7).  #include<stdio.h>  int func(int a ,int b)  {  if(a%2==0){  return func(a/2,b/2);  }  if(a<2)  return b;  return (a-1,b+1);  }  int main()  {  int res = func(5,4);  printf("%d ",res);  } | 8).  #include<stdio.h>  int main()  {  int x=2 , y=1;  switch(x)  {  case 1 : y+=1;  case 2 : y+=2;  case 3: y+=3;  default : y+=4;  }  printf("%d ", y);  } |
| 9).  #include<stdio.h>  int main()  {  char a[4] = {'z','o','h','o'};  for(int i=3;i>1;i--){  switch(a[i])  {  case 'l': a[i]=a[i+1];;break;  case 'e' : a[i] = a[i-1];;break;  default : a[i+1] = a[i];;break;  }  }  for(int i=0;i<4;i++)  {  printf("%c",a[i]);  }  return 0;  } | 10).  #include<stdio.h>  int foo(int n)  {  int result = 0;  while(n>1){  result = result\*10 + (n%10);  n/=10;  }  return result;  }  int main()  {  int n=9876;  int result = foo(n)+1;  printf("%d",result);  return 0;  } |
| 11).  #include<stdio.h>  int main()  {  int i=1,j=0,k=1,l;  for(int m=0;m<=l;m++)  {  l = ++i || ++j || k++;  }  printf("%d ",l);  return 0;  } | 12). #include<stdio.h>  int main()  {  int n = 347,b,temp,i,j,val,sum;  for(i=0;b!=0;b=b/10);  {  temp = n%10;  for(j=i,val=0;val<j;j++)  {  val = val\*temp;  }  if(temp<3)  {  temp+=3;  }  sum+=val\*temp;  }  printf("%d ",sum);  return 0;  } |
| 13).  #include<stdio.h>  int main()  {  int a[] = {10,20,30,40};  int \*p = a;  p=p+2;  \*p = \*p\*2;  p=p-1;  printf("%d ",a[2]);  return 0;  } | 14).  #include<stdio.h>  int main()  {  int a[] = {10,20,30,40,50};  int \*p = a;  p = p+3;  printf("%d, %d, %d",\*(p-2),\*(p),  \*(p+1));  return 0;  } |
| 15).  #include <stdio.h>  int main() {  int m=6;  for(int i=0;i<=m;i++)  {  if(m-i<4){  printf("%d ",m-i);  }  else{  printf("%d ",i\*i);  }  }  return 0;  } | 16).  #include <stdio.h>  int main() {  int k=10,s=2;  while(k>0){  k-=s;  s++;  }  printf("%d ",s);  return 0;  } |
| 17). | 18). |
| 19). | 20). |
| 21). | 22). |
| 23).Desired Output : 89 ,Find B.  z24.png | 24). Desired output = 40,Find A.  z1.png |
| 25).Find Output.  z1242.png | 26 . Aptitude     1. A, C, F, J, O, 2. Two mens are starting to run around a circle ground one completes in 5 minutes and another completes 7 minutes ,Then what time both meet together. 3. How many 4 digit number greater than 5000 formed using 5,6,7,8,9 without repetition 4. 729 1331 XXXX 3375 4913   Find Sequence. |