**Taskno01**

Course: CP - AM

Marks: 10

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| **S. No** | **Code** | **Output** |
| **1** | //QUESTION # 1:-      //=================  int row , col ,n=4 ;  for(row=1;row<=n;row++){  for(col=1;col<=n-1;col++){  printf(" ");  }  for(col=1;col<=2\*row-1;col++){  printf("\*");  }  printf("\n");  }  for(row=n-1;row>=1;row--){  for(col=1;col<=n-1;col++){  printf(" ");  }  for(col=1;col<=2\*row-1;col++){  printf("\*");  }  printf("\n");  } |  |
| **2** | int i, j ,n=4;  for(i=1;i<=n;i++){  for(j=1;j<=n-i;j++){  printf(" ");  }  for(j=1;j<=2\*i-1;j++){  printf("\*");  }  printf("\n");  }  for(i=n-1;i>=1;i--){  for(j=1;j<=n-i;j++){  printf(" ");  }  for(j=1;j<2\*i;j++){  printf("\*");  }  printf("\n");  } | c |
| **3.** | int i , j , k ;  for(i=0;i<=7;i++){  printf("%d\n",i);  for(j=1;j<=5;j++){  for(k=5;k>=i;k--){  printf("\*");  }  printf("\n");    }  } |  |
| **4.** | // QUESTION # 3:-  int n1,firstnum,lastnum , fact,i , n2, reminder, sum;  printf("Input starting rang of number:");  scanf("%d",&firstnum);  printf("Input ending rang of number:");  scanf("%d",&lastnum);  for(n1=firstnum;n1<=lastnum;n1++)  {  n2=n1;  sum=0;  while(n2!=0)  {  fact=1;  reminder=n2%10;  for(i=1;i<=reminder;i++)  {  fact\*=i;  }  sum=sum+fact;  n2=n2/10;  }  if(sum==n1){  printf("The strong number are: %d\t\n",sum);  }  } |  |
| **n** |  |  |