\*\*\*\*\*Triangle Hard Number Pattern::::::::::::::::::

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| 39.  #include<stdio.h>  int main()  {  int i,j,n;  printf("Input number of rows : ");  scanf("%d",&n);  for(i=1;i<=n;i++)  {  for(j=1;j<=(2\*i-1);j++)  {  printf("%d",j);  }  printf("\n");  }  return 0;  } | 40.  #include<stdio.h>  int main()  {  int i,j,n,k;  printf("Input number of rows : ");  scanf("%d",&n);  for(i=1;i<=n;i++)  {  if(i%2!=0)  k=1;  else  k=2;  for(j=1;j<=i;j++)  {  printf("%d",k);  k+=2;  }  printf("\n");  }  return 0;  } | 41.  #include <stdio.h>  int main()  {  int i, j, N;  printf("Enter rows: ");  scanf("%d", &N);  for(i=1; i<=N; i++)  {  for(j=1; j<=(i\*2)-1; j+=2)  {  printf("%d", j);  }  for(j=(i-1)\*2-1; j>=1; j-=2)  {  printf("%d", j);  }  printf("\n");  }  return 0;  } |

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| 42.  #include <stdio.h>  int main()  {  int i, j, N;  printf("Enter rows: ");  scanf("%d", &N);  for(i=1; i<=N; i++)  {  for(j=2; j<=i\*2; j+=2)  {  printf("%d", j);  }  for(j=(i-1)\*2; j>=2; j-=2)  {  printf("%d", j);  }  printf("\n");  }  return 0;  } | 43.  #include <stdio.h>  int main()  {  int i, j, N;  printf("Enter rows: ");  scanf("%d", &N);  for(i=1; i<=N; i++)  {  for(j=1; j<=i; j++)  {  printf("%d", j);  }  for(j=i-1; j>=1; j--)  {  printf("%d", j);  }  printf("\n");  }  return 0;  } | 44.  #include <stdio.h>  int main()  {  int i, j, value, N;  printf("Enter rows: ");  scanf("%d", &N);  for(i=1; i<=N; i++)  {  value = i + 1;  for(j=3; j<=i; j++)  {  printf("%d", value);  value++;  }  for(j=(i\*2)-1; j>=i; j--)  {  printf("%d", j);  }  printf("\n");  }  return 0;  } |

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| 45.  #include <stdio.h>  int main()  {  int i, j, k, N;  printf("Enter N: ");  scanf("%d", &N);  k = 1;  for(i=1; i<=N; i++)  {  for(j=1; j<=i; j++, k++)  {  printf("%-3d", k);  }  printf("\n");  }  return 0;  } | 46.  #include <stdio.h>  int main()  {  int i, j, N;  printf("Enter rows: ");  scanf("%d", &N);  for(i=1; i<=N; i++)  {  if(i & 1)  {  for(j=1; j<=i; j++)  {  printf("%d", j);  }  }  else  {  for(j=i; j>=1; j--)  {  printf("%d", j);  }  }  printf("\n");  }  return 0;  } |  |
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