NUMBER PATTERN :::::::::::

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| 1.Square Number Pattern 1  #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<=n;j++)  {printf("1");}  printf("\n");  }  } | 2.Number pattern 2  #include<stdio.h>  int main()  {  int i,j,n;  printf("Input number of rows : ");  scanf("%d",&n);  for(i=1;i<=n;i++)  {  if(i%2!=0)  for(j=1;j<=n;j++)  printf("1");  else  for(j=1;j<=n;j++)  printf("0");  printf("\n");  }  } | | 3.Number pattern 3  #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<=n;j++)  if(j%2!=0)  printf("0");  else  printf("1");  printf("\n");  }  } | |
| 4.Number pattern 4:  #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<=n;j++)  {  if(i==1 || i==n)  printf("1");  else if((i>1&&i<n)&&j==1 || (i>1&&i<n)&&j==n)  printf("1");  else  printf("0");}  printf("\n");  }  return 0;  } | 5.Number Pattern 5:  #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<=n;j++)  {  if(i==(n/2+1)&& j==(n/2+1))  printf("0");  else  printf("1");}  printf("\n");  }  return 0;  } | | 6. Number Pattern 6:  #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<=n;j++)  {  if((i%2!=0) && (j%2!=0))  printf("1");  else if((i%2!=0)&&(j%2==0))  printf("0");  else if((i%2==0)&&(j%2!=0))  printf("0");  else if((i%2==0)&&(j%2==0))  printf("1");  }  printf("\n");  }  return 0;} | |
| 7.Number Pattern 7:  #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<=n; j++)  {  if(i!=(n/2+1) && j==(n/2+1))  printf("0");  else if(i==(n/2+1))  printf("0");  else  printf("1");  }  printf("\n");  }  return 0;  } | | 8.Number Pattern 8:  #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<=n; j++)  {  if((i==1 || i==n)&& (j==1 || j==n))  printf("1");  else if(i==(n/2+1) && j==(n/2+1))  printf("1"); | | 8… else if((i>1 && i<n && 5i!=(n/2+1))&&(j==2 || j==n-1))  printf("1");  else  printf("0");}  printf("\n");  }  return 0; } else if((i>1 && i<n && 5i!=(n/2+1))&&(j==2 || j==n-1))  printf("1");  else  printf("0");}  printf("\n");  }  return 0; } |
| 9.Number Pattern 9:  #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<=n; j++)  {  if((i==1 || i==n) && (j>1 && j<n))  printf("1");  else if((i>1&&i<n)&&(j==1||j==n))  printf("1");  else  printf("0");  }  printf("\n");  }  return 0;  } | | 10.Number pattern 10:  #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<=n; j++)  {  printf("%d",i);  }  printf("\n");  }  return 0;  } | | 11.number Pattern 11:  #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<=n; j++)  {  printf("%d",j);  }  printf("\n");  }  return 0;  } |

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| 12.Number Pattern 12:  #include<stdio.h>  int main()  {  int i,j,n,k=1;  printf("Input number of rows : ");  scanf("%d",&n);  for(i=1;i<=n;i++)  {  for(j=k;j<k+n;j++)  {  printf("%-4d",j);  }  k++;  printf("\n");  }  return 0;  } | 13.Number pattern 13:  #include<stdio.h>  int main()  {  int i,j,n,k=1;  printf("Input number of rows : ");  scanf("%d",&n);  for(i=1;i<=n;i++)  {  for(j=k;j<k+n;j++)  {  printf("%-4d",j);  }  k=k+n;  printf("\n");  }  return 0;  } | 14.  #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=n;j>n-i;j--)  {  printf("%d",j);  }  for(j=1;j<=n-i;j++)  {  printf("%d",n-i+1);  }  printf("\n");  }  return 0;  } |
| 15.  #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=i;j<=n;j++)  {  printf("%d",j);  }  for(j=i;j>1;j--)  {  printf("%d",n);  }  printf("\n");  }  return 0;  } | 16.  #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=i;j<=n;j++)  {  printf("%d",j);  }  for(j=i-1;j>=1;j--)  {  printf("%d",j);  }  printf("\n");  }  return 0;  } | 17.  #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=i;j>=1;j--)  {  printf("%d",j);  }  for(j=2;j<=n-i+1;j++)  {  printf("%d",j);  }  printf("\n");  }  return 0;  } |