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Yash Johang 4053339 Johngyash Pg no 2/5 Recursion is the process which comes into existence when a Any function which calls itself is called a recursion function, and such a function calle are called yearsive calls. However, it is important to impose a termination condition of reursion or the function runs for an infinite loop. Code: # Proclude < stdio. h> int add (int n); void main () printf ("Enter a positive integer:");
scan f ("%d", lon);
printf ("Sun = %d", add(n)); int add (int n) of (n!=0) return (n+add (n-1)); / rewrsive call */ return O;

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91.B)
         Code:
          # include <stdio.h>
          int main ()
             for (int == 1; 1 == 5; ++)
                  for ("ntj=1; j =="; j++)
                       % (j%2 ==1)
printf ("1");
else
                           printf ("0");
               3 printf (" \n");
           retum 0;
```

Yash Sarang 4055339 Josephe Pg no. 4/5-13 In switch-case, a break statement is used to terminate a statement sequence. When a break statement is reached, the switch terminates and sump the flow of control jumps to the next line following the switch-case statement. The break statement is optional. I onited, exception will continue on to the next case. The flow of control will fall through to subsequent cases until a break is reached (ode: # include (stdio.h) Put main () int day; 8 cant ("% d", day); switch (day) print f (" Sunday \n"); case 2: prints (" Monday \n");

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> printf (" Tuesday In"); case 4: printf (" Wednesday \n"); break; case 5: printf (" Thursday \n"); break; case 6 à printf ("triday In");
> break; printf ("Sahrolay In"); break; return 0;