Md. Mainul Hasan id: 2019-2-60-1038

Q1:

Hindlude Stdie. Ly int main ()

Algorithm:

int Ackerman (int m, int n) { it (m = = 0) return 1+1;

else if (170 8.8 n==0) } petupn. Acherman (m-1, 1);

else s.

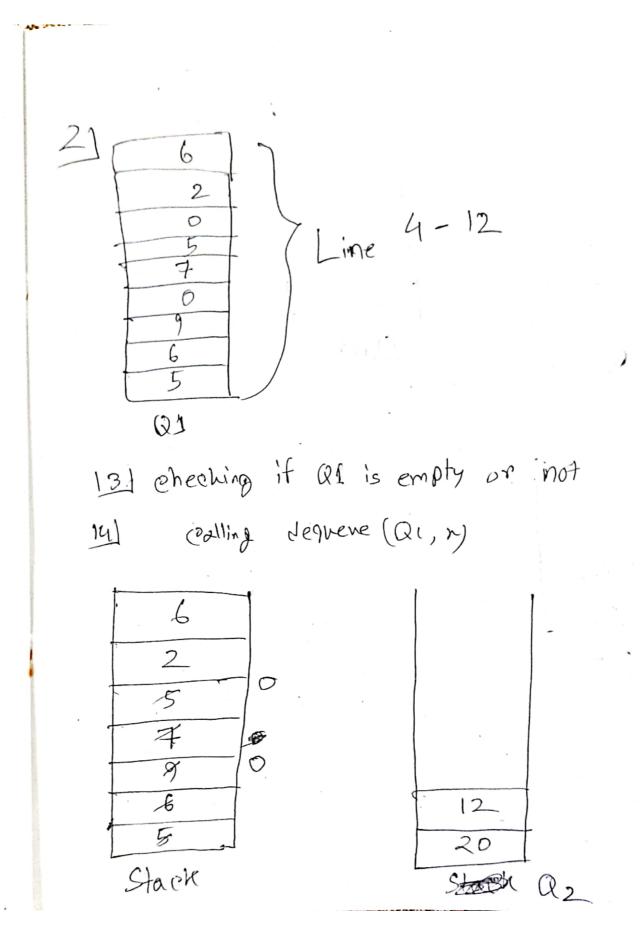
neturn Acherman (m-1, Acherman (m; m-1));

Ackerman (2,4) = Ackerman (1 Ackerman (2,3)); Acherman (2,3)= Acherman (Acherman (2 Achermon (2,2)= " (2) 1, Achermon (2,1)?

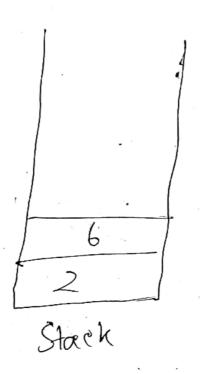
Achermon (2,1)= " $(1,5) \rightarrow (7)$ Achermon (2,0)(1,3) Acherman (2,0)= + Acherman (1, 1) Acherman (11)=Ackerman (0, Acherman (1, 9)2) Alcherman (1,0= Acherman(0,1)//2 Acherman (0,1)= neturn Output: 11

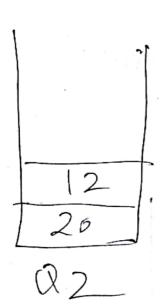
D) Achermon(0,4) = peturn 4-PI output: 5

Acherman (5,0) = Acherman (4,1)1 (4,1) = Acherman (4, Acherman (4,20)1 (4,0) = Acherman (3,1)



	6
1	2 6 5 7 0
1	6
1	5
1	7
	0
	6
	5
	Q1





Final results