Ans 31 By is added in list with Bronze status (As it is first Polsanger So No Bharchy bear By Polsorgy C4 is added in list with Bronze Statey (C4 Inos Same be added to left child of Passarger AI is added in list with Gold states (AI has top priority So it will become sout 4 By will know left child & Cy will become Right child B4 C4 Passarge Az is addled in Ust with Giver status with Discounted fore (As As hos more priority than By & (y so it will surp with parats) A3 B4 Polsenger By is addd in list with silver states A full burn (By has more pravity then Az, 4By +C4 So swap is necessary Dy A3 Bu Cy

Possarger B1 is added with gold status & Buddy fore (B) has more priority then Dy, A3, B4 kC4 By Dy necessary)

R. AS BY CY Passarger GI is added with silver states & full fore (G has more pricerity so suap is necessary) GI A3 BY CY Passonger H3 is added with Full fore & No Starters Aro Such is macisary of the don't have any
priority)

B. Dy

Aro Such is macisary of the don't have any G1 A3 B4 C4 Possanger Aq is added with Bronze States & Disc Fare. (Aq has little priority over the So Such is B, AI Dy GI A3 By Cy Ay H3

Possanger Pi is added with Buddy Fare A No States (P. has no priority , so No supp necessary). Bi Dy

Bi Dy

Ay By Cy

Ay H3 Pi Now removing Passengers as they are sented Pax I sected: A, & gets surved (I'm surrowing we will swap the lost element of heap by the seed. Then will heapify down by Supping By 61 AJ By CY A9 the scet with the Smallyt child until hear property is (besides HI PI Pax 2 Sected: B. gets removed By Cy Aq 173 Par 3 Secuted: Dy gets suroled A3 BY CY AN HS PI

Pax 4 sected: Gr gets rurard. By Cy Ad H3 PI Pax 5 seated: A3 gets heroved Cy Aq H3 P1 Now adding I make Pox Pax A8 with silver status full ful. Par A3 with No Status & Disc furn Pax BS with Gold States & full fure. Pax P9 with Bronze Status & full form BS EN Pa Ag H3 2 PI A3

Mow surroving all one by one will give empty list.