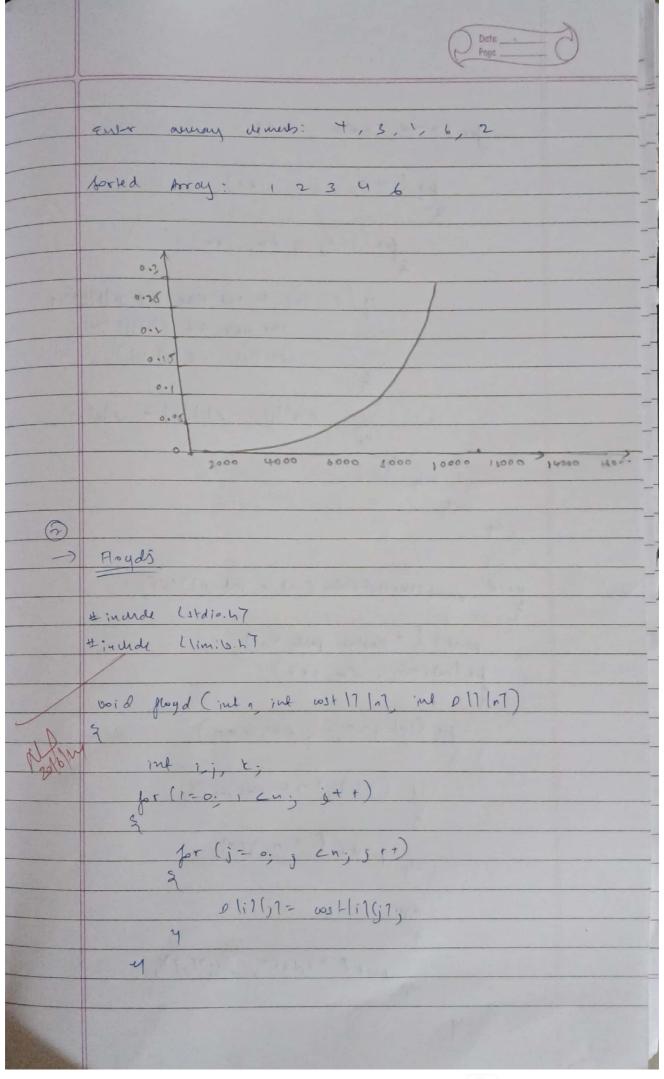
MEAR SOLT of include Estdio. h 7 Hinchede (stalib.h) Hindude (fine my void bettom- wapify (int n, int a/7). voil mapsort (int n int all); void point Array (int all int n). int main () jut a [18000], n, is, un, temp; check _+ start, and; while(1) } print (" In 1: Namal Entry "); print (" In 2: To display him taken for sooting number of dements N from 500 to 14500 1) mut("1n3= To cit"); most (" Endo . switch (ch) case 1: print (" Entro no. of dements: "). sient ("-1-d7 en). print (" Fur may dements: "); for (1=0, 1 Ln; 1++) sunt ("./.d", La [i]), start = wekl);

mapsort (n, a) print (" In sooked acronay: ") print (" In time taken to sort (((double) (und-start))/acous recise) mak. while (1 = 14800) for (1-0; iln; 111) temp = 35/600; print ("In Time Laken"); bornak-

case 2: wit (o). of default: print + ("In Quadid drice: I'm again.") oulurn o; void bottom mapify (int , int a 17) while (ct n-1 L2 a |c7 La (c+1)

void mapsort (int n, int all) po (Int i= n-1; i >0. ijut temp = 9/07; bottom heapify (is) yord print throug (int all into)

gor (int i=0; i < u; i+1) mintel "-1-d" ali1); - J ownt 1: For wanted entry 2: To wit



ig (plillel! = INL MAX UR DEPINIS 0111/1 = 011/11/ + 0/1/1/ m+ (".1.d 1+", p(:71,7);

