PAGE EDG3 15/02/24 Week-8 # Enclude astdipons # Enclude Cstalebohs Stuce node Ent value; stanct node \*left? struct node vilght? & rode, Stand rode & wealed Struct node Attemp; temp= (Struct node +) malloc (sizeq(struct rode). purty (" Enter data: "): scanflated", fremp-svalue); temp -> left > temp -> wight = NOU". return temps Void Ensent (Stanet node \*noot, stanct node xtemp) 9 (Hemp -> value < 200+ -> value) glasot -> deft 1=NULL) insent (100+->left, temp); else My MEG 3001 > left = temp; g . Eff temp->value > 200t -> value)

€. ( JUN = 1 thpsu <- took) 13 Enseut ( 2001 -> weght, temp)3 doot -> light = temp; Void Enaider (Stauct node & noot) (mont = morr) Enouder ( woot > left); pulati(" . d 1 t" , doot - value); Prouder (100t -> right); 4 Voga postoudes (Stauct node \* 1001) et (100+1=4001) postander (100t sleft); pastoudal tequoot - slight); prenty (" old 1+", noot - value); Void presider (Struct node \* 100+) 3 Placot 1=NOLL) prenty ("ol.d 1+", noot -> value); TON MESEG presider (1001->/e/t); preorder (noot -> right);

PAGE EDG3 DATE: / / Ent main() Put choice! Struct pode # 100+=NULL, while(1) printf (" In 1. Pascut the element in 2. norder traversal in 3. Prearder traversal In 4. Post aider traversal in s. exet "); prest ("Ester choice In")" Scanf ("1.d", & chorce)? Swetch (chopce) Case Co Py Capot==NOU) 400t= Create() else Ensent (200+, Creater); break? prenty ("In Enouder traversal in 1) iltoon robrong. bleak, prevation brearder traversal in"); preader (not); break? MBB BB Case us prenty (" In Postorder traversal in");

postouder(2001); break? case 5° exed(o)? dejault: pully ("Envalled chorce"). break; return 0; output ' 1. Ensent the element 2. h-order traversal 3. Ere-order traversal u. Post-aider traversal s. excet. Ender choice: 1 Enter data: 50 Enter chorce : 1 Enter data:60 Exer chorce: Enter data: 70 Enter chorce: 1 Exter data: 2090 Exter choice : 1 33 5G

DATE: / / Potes data: 10 Enter choice 32 Inorder traversal: 10,50,60,30,90 Preorder traversal: 50. enter cholie = 3 Prearder traversal \$50,10,60, 20,90 Enter chocce; 4 Postorder traversal: 10, 90, 20, 60, 50.