Date_ Expt. No. Adidi Akaush Page No. 1BM19CSOOD # include <stdio.h> # heludex stallib 4) # ineluder malloch> Street Stack Ent dola; Stret node * next;); Strict stack & topz NULL Struct stack * push (struct stack *, int); struct stack& display (struct stack&); somet stack & popleshed stack*); int peck (struct stack*); Int val. option; do { printf("\n MENU"); printp("\n 1. fush\n2. pops peck \ndisplay \ns. exit"); print ("In Enter your option"); Scant ("% of" loption); Switch (option) Case 1: printy ("Center value"); seand (110/0d", lval);
top keush (top, val);
break; Case 2: top = pop(top); case 3: val = peak (top);

for the value of top element bd",

print ("1) The value of top element bd", Teacher's Signature

Expt. No. 9 Date_ Adidi Akaush 1BM19 Ctood Page No. else. prints (" Stack is empty Struct Stack & push (Struct Stack * top, int val) P2 (Street Stack &) malloc (Size of (Struct Stack Struct stack & display (Struct stack *top)?

Struct stack &; else & while CPI = NULL)

else & while CPI = NULL)

pointf (" old", p > data);

p2 p > next; y Teacher's Signature

Adibi Akarsh Page No. 8 xpt. No. 1BM19C3000 storret stack * pop(struct stack * top) } struct stack * p; else ? ("Stack Underflow); pointsc! The value ddoted!/d", podat

prec(p);

y setnentop; (Struct stack *top)? H (top = = NULL) return-1; else return top & data;