	Date
	CS1530 LAB
	ASSIGNMENT 2
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Q1.	Insertion sort solution:
Aw:	# include Liostream>
	# include < cstring>
	using namespace std;
	about player 2
	char name [so];
	int scou;
	8
	void Inution-Sort (struct player *p, int n)
-Martin	<b>و</b>
	Int i, j, temp,
	for (i=1; i <n; i+t)<="" td=""></n;>
	S and the same of
	temp= p[i].score;
	j=i-1; while (temp < p[j]. scon 2 kj >=0)
1 -	
	ρ[jt]-ρ[j]; j;
	PLJIJ
	£ 3
- 4	What makes you happy?
	#HappyCollegeDays #

	Date
	p[jti] - p[temp];
	int main()
•	
	struct player p[100];
	int n;
	cout << "Enter no. of players"; ex
	cin >> n;
	cout « "Enter player details In";
	for (int i=0; Icn; i++)
	cout 22 "Name: ";
	cin >> p (i). name;
Sprint	cout <2" Scou:";
	cin >> p[i]. scou;
	3 Tan 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1
	Insertion_Sort (p.n);
-11	for (int 120; ixn; i+t)
	7
	cout << "Name: It" << p[i]. name << "It"); cout << "Sion: It" << p[i]. sion << "In";
	3
	rotun 0;
	3
	What makes you happy?  # Happy College Days
	#HappyCollegeDays

Q2.	Selection Sort solution
Au:	#Include < iostream> #include < cstring> using namespace std;
	struct player
	char name [50];
	3.
	void Selection Sort (Struct player *p,int)
	int i, min, j;
	Strict player temp; for (120; i <n-1; i+t)<="" td=""></n-1;>
	2 Min=i;
-	for (j=itl;jen;jtt)
. ( 2	if (p[min]. scou > p[j]. scou)
	3
	temp= p[i]; p[i] = p[min];
-	2 [min] a temp;
	3
	What makes you happy?  # HappyCollegeDays  #

	Date
	int main ()
	a state of
	struct player p[100];
	int n;
	cout << " Enter no. of playus";
	cin >> n;
	cont « "Enter player details";
	for (int i=0; icn', itt)
	<b>§</b>
_	cout << "Name: \t";
	cin >> p[i]. name;
	cout « "Siou: It";
	cin >> p[i]. sion;
	3
	Selection-Sort (p.n);
	for (int i=0; icn; i+t)
	<u> </u>
-	cont << " Scon: It " << p[i]. name << "H";  cont << " Scon: It " << p[i]. scon << " \n";
	cont cc "Scon: It " ccp[i]. score cc "In";
	return 0;
	}
	What makes you happy?
	# HappyCollegeDays