Data				
Date				

Expt.	No						_		_			-	_
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Page No.

	class Disjoint Union sets of
	vedor zints rank, parket;
	int n;
	public:
	Disjoint Union dels (int n)
	rank. resife(n)i
	povent reside (n);
	this -n=n;
	maluret();
	3
	Void maturet () i
	for (inti-) n)
	parent [i] = i]; 3
	int had cintal t
	of Garent [n] != n)  return find (parent [n]);
	network;
7	&
	void Union (int my inty)
	int allook - And (W);
	void Union (int riginty) {  int report = find (n);  int y look = find (y);
	J
	if (whool) == your)
	vetun i
	Teacher's Signature:

```
if ( vanh T whook ] work [yhoth ])

pover [ rock] = yhot;
 able if Iran Eyloot ] ~ rant [n/oot])
parent (yfoot] = n/oot;
       part [y hook] = akost;
rank [x hook] = rank [nkust]+1;
```