

Data Capture

Data capture is the process of ~~Data Storage~~ identification and extraction of data from a scanned document.

Data Storage

Data storage is the storing of data in an ~~an~~ electromagnetic form by a computer system.

(1) What is ISAM?

Ans:- An Indexed sequential Access method is a static, hierarchical, disk-based index structure that enables both (single-dimensional) range and membership queries on an ordered data file. ISAM initially stores records sequentially and permits both sequential and random processing.

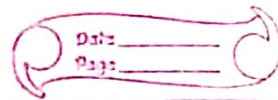
(2) What is USB flash drive?

Ans:- A USB flash drive is a data storage device that includes flash ~~mem~~ memory with an integrated USB interface. It is typically removable, rewritable and much smaller than an optical disc.

(3) What is data validation?

Ans:- In computer science, data validation is the process of ensuring data have undergone data cleansing to ensure they have data quality. to ensure

STRUCTURE



A structure is a heterogeneous collection of related fields. Here fields are called structure member or structure elements. And every elements have different types of specifier known as data types. The keyword of structure is `struct`.

```
struct student
```

```
{
```

```
    int roll-no;
```

```
    char name[10];
```

```
    int telephone-no;
```

```
    float mark1, mark2;
```

```
};
```

Array

An array is a collection of data items of same data type

NO keyword is used

An array name represents the addresses of starting elements.

Structure

A structure is a collection of data items of different data type

Keyword `struct` is used

A structure name is known as tag. It is a short hand notation of declaration.

UNION

Union is a variable that declares a set of multiple variables called members of different types specifier sharing the same area of memory. The keyword of Union is union

```
{ union number
```

```
int n1;  
float n2;  
double n3;  
} num;
```