CODE:

```cpp
#include<iostream>
#include<string>
using namespace std;

class staff{
        public:
        string name;
        int code;
        public:
        staff(){

                cin>>name;
                cout<<"The name is:"<<name<<endl;
                cin>>code;
                cout<<"The codeId is:"<<code<<endl;
        }

};
class teacher : public staff{
        public:
        string subject;
        string s;
        int publication;
        int p;
        public:
   teacher(string s,int p){
        this->s=subject;
```

```cpp
            this->p=publication;

                    cout<<"The teaching subject is:"<<s<<endl;

                    cout<<"The number of publication is:"<<p<<endl;

            }
};
class typist : public staff{
        public:
        int speed;
        public:
        typist(){

                    cin>>speed;

                    cout<<"The typing speed is:"<<speed<<endl;

            }
};
class workTime : public typist{
        public:
        string time;
        public:
        workTime(string time){

                    cout<<"The working time of typist is:"<<time<<endl;

            }
};
int main(){
        cout<<"Teacher"<<endl;
        teacher d1("maths",4);
```

```cpp
        cout<<"Typist"<<endl;

        workTime d2("regular");

        return 0;

}
```

OUTPUT:

Teacher

Sandip

The name is:Sandip

420

The codeId is:420

The teaching subject is:maths

The number of publication is:4

Typist

Punam

The name is:Punam

520

The codeId is:520

60

The typing speed is:60

The working time of typist is:regular

[Program finished]