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Praktikum 1

Coba 1

```
G+ coba1.cpp > main()
1  #include <iostream>
2  int main()
3  {
4      std::cout<<"Selamat Datang di Kelas Dasar Pemrograman";
5      return 0;
6  }
```

```
PS D:\project\C++\test> cd "d:\project\C++\test\" ;
{ .\coba1 }
Selamat Datang di Kelas Dasar Pemrograman
PS D:\project\C++\test>
```

Coba 2

```
G+ coba2.cpp > main()
1  #include<iostream>
2  using namespace std;
3
4  int main(){
5      cout<< "Size of char: " <<sizeof(char)<<endl;
6      cout<< "Size of int: " <<sizeof(int)<<endl;
7      cout<< "Size of short int: " <<sizeof(short int)<<endl;
8      cout<< "Size of long int: " <<sizeof(long int)<<endl;
9      cout<< "Size of float: " <<sizeof(float)<<endl;
10     cout<< "Size of double: " <<sizeof(double)<<endl;
11     cout<< "Size of wchar_t: " <<sizeof(wchar_t)<<endl;
12     return 0;
13
14 }
```

```
PS D:\project\C++\test> cd "d:\project\C++\
{ .\coba2 }
Size of char: 1
Size of int: 4
Size of short int: 2
Size of long int: 4
Size of float: 4
Size of double: 8
Size of wchar_t: 2
PS D:\project\C++\test> █
```

Coba 3

```
C++ coba3.cpp > main()
1  #include <iostream>
2  using namespace std;
3  int main(){
4      int x,y,z;
5      x=3; y=4;
6      z=x*y;
7      cout<< "Hasil perkalian: " <<z;
8
9  }
```

```
PS D:\project\C++\test> cd "d:\project\C++\test\" ;
{ .\coba3 }
Hasil perkalian: 12
PS D:\project\C++\test>
```

Coba 4

```
C++ coba4.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int angka;
7      bool hasil;
8      cout << "Masukkan angka: ";
9      cin>>angka;
10     hasil=angka>10;
11     cout<<hasil;
12 }
13
```

```
PS D:\project\C++\test> cd "d:\project\C++\test\" ;
Masukkan angka: 5
0
PS D:\project\C++\test> cd "d:\project\C++\test\" ;
Masukkan angka: 20
1
```

Coba 5

```
C++ coba5.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      char nilai;
6
7      cout<<"Masukan nilai (A/B/C/D) = "; cin>>nilai;
8      cout<<"Nilai Anda "<<nilai;
9  }
```

```
PS D:\project\C++\test> cd "d:\project\C++\test\" ;
($?) { .\coba5 }
Masukan nilai (A/B/C/D) = A
Nilai Anda A
PS D:\project\C++\test>
```

Coba 6

```
C++ coba6.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      float jari, hasil;
6      const float p=3.14;
7      cout<<"Masukkan jari-jari= "; cin>>jari;
8      hasil=(jari*p)*2;
9      cout<<"Keliling lingkaran= "<<hasil;
10 }
```

```
PS D:\project\C++\test> cd "d:\pro
($?) { .\coba6 }
Masukkan jari-jari= 7
Keliling lingkaran= 43.96
```

Coba 7

```
C++ coba7.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      double jari, hasil;
6      const double p=3.1428;
7
8      cout<<"Masukkan jari-jari= ";
9      cin>>jari;
10     hasil=jari*(jari*p);
11     cout<<"Luas lingkaran= "<<hasil;
12 }
```

```
PS D:\project\C++\test> cd "d:\project"
($?) { .\coba7 }
Masukkan jari-jari= 5
Luas lingkaran= 78.57
```

Coba 8

```
C++ coba8.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      string nohp;
6      cout << "Masukkan nomor HP: "; cin>>nohp;
7      cout << "Nomor HP anda: " << nohp;
8  }
```

```
PS D:\project\C++\test> cd "d:\project"
($?) { .\coba8 }
Masukkan nomor HP: 08123456767
Nomor HP anda: 08123456767
```

Latihan 1

C++ latihan1.cpp > main()

```
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      string nama, alamat, nohp;
6      cout<<"Masukkan nama anda: "; cin>>nama;
7      cout<<"Masukkan alamat anda: "; cin>>alamat;
8      cout<<"Masukkan no hp anda: "; cin>>nohp;
9
10     cout<<endl;
11
12     cout<<"Nama Anda: "<<nama<<endl;
13     cout<<"Alamat Anda: "<<alamat<<endl;
14     cout<<"No HP Anda: "<<nohp<<endl;
15 }
```

```
PS D:\project\C++\test> cd "d:\project\C++\tes
; if ($?) { .\latihan1 }
Masukkan nama anda: Rizal
Masukkan alamat anda: Cibiru
Masukkan no hp anda: 08125353

Nama Anda: Rizal
Alamat Anda: Cibiru
No HP Anda: 08125353
```

Latihan 2

```
C++ latihan2.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      int p, l, t;
6      cout<<"Masukkan panjang: "; cin>>p;
7      cout<<"Masukkan lebar: "; cin>>l;
8      cout<<"Masukkan tinggi: "; cin>>t;
9      cout<<"Volume = "<<p*l*t<<endl;
10 }
```

```
PS D:\project\C++\test> cd "d:\project\C++\test"
; if ($?) { .\latihan2 }
Masukkan panjang: 5
Masukkan lebar: 3
Masukkan tinggi: 5
Volume = 75
```

Latihan 3

```
C++ latihan3.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      float harga, diskon, harga_diskon, harga_setelah_diskon;
6
7      cout << "Masukkan harga barang: ";cin>>harga;
8      cout << "Masukkan persentase diskon: "; cin>>diskon;
9      harga_diskon = (diskon/100)*harga;
10     harga_setelah_diskon = harga - harga_diskon;
11     cout << "Harga setelah diskon: "<<harga_setelah_diskon<<endl;
12 }
```

```
PS D:\project\C++\test> cd "d:\project\C++\test"
; if ($?) { .\latihan3 }
Masukkan harga barang: 100000
Masukkan persentase diskon: 30
Harga setelah diskon: 70000
```