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cpp_kursu_odevleri / type_deduction / **td_03.md**

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85 lines (71 sloc) | 880 Bytes

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Aşağıdaki kodlarda (varsa) sentaks hatalarını işaretleyiniz ve sentaks hatalarının nedenlerini belirtiniz:

```
void f1()
{
 const int x = 10;
 auto a = x;
 auto &b = x;
 decltype(x) c = 0;

 ++a;
 ++b;
 ++c;
}


void f2()
{
 int x = 10;
 int y = 20;
 const int *p = &x;
 int *const cp = &x;

 auto a = p;
 auto b = cp;

 a = &y;
 *a = 20;
 b = &y;
 *b = 56;
}


void f3()
{
 int x = 10;
 int *p = &x;
 int **pp = &p;

 decltype(p) a;
 decltype(*p) b;
```

```cpp
    decltype(+*p) c;
    decltype(pp) d;
    decltype(*pp) e;
    decltype(**pp) f;
}

void f4()
{
    int arr[]{ 1, 2, 3, 4 };
    decltype(arr)a;
    auto b{ arr };
    auto &c{ arr };

    ++a;
    ++b;
    ++c;
    ++*a;
    ++*b;
    ++*c;
}

void f5()
{
    auto x = 10;
    auto y = &x;
    auto z = &y;

    y = *z;
    x = **z;
    y = 0;
    z = 0;
}

void f6()
{
    const int x = 10;
    const int &r = x;
    auto a = r;
    decltype(a) b;
    ++a;
    ++b;
    decltype(*&x) c;
}
```