```
main entry:
%Person = alloca %Person.0, align 8
%p = alloca %Person.0*, align 8
%Person.field0 ptr = getelementptr %Person.0, %Person.0* %Person, i32 0, i32
%str val = load i8*, i8** %Person.field0 ptr, align 8
store i8* %str val, i8** %Person.field0 ptr, align 8
%Person.field \overline{1} ptr = getelementptr %Person.0, %Person.0* %Person, i32 0, i32
... 1
store i32 52, i32* %Person.field1 ptr, align 4
%Person.field2 ptr = getelementptr %Person.0, %Person.0* %Person, i32 0, i32
... 2
store i1 true, i1* %Person.field2 ptr, align 1
store %Person.0* %Person, %Person.0** %p, align 8
\%p.1 = load \%Person.0*, \%Person.0** \%p, align 8
%p.1.male ptr = getelementptr %Person.0, %Person.0* %p.1, i32 0, i32 2
%p.1.male = load i1, i1* %p.1.male ptr, align 1
%c str = alloca [5 \times i8]*, align 8
store [5 x i8]* @ str 3, [5 x i8]** %c str, align 8
%c str to ptr = \overline{bitcast} [5 x i8]* @ str 3 to i8*
%printf.ret = call i32 (i8*, ...) @printf(i8* %c str to ptr, i1 %p.1.male)
%p.2 = load %Person.0*, %Person.0** %p, align 8
%p.2.male ptr = getelementptr %Person.0, %Person.0* %p.2, i32 0, i32 2
store i1 false, i1* %p.2.male ptr, align 1
%p.3 = load %Person.0*, %\overline{P}erson.0** %p, align 8
%p.3.male ptr = getelementptr %Person.0, %Person.0* %p.3, i32 0, i32 2
\%p.3.male = load i1, i1* \%p.3.male ptr, align 1
c_{str.1} = alloca [5 x i8]*, align 8
store [5 x i8]* @ str 4, [5 x i8]** %c str.1, align 8
%c str to ptr.1 = bitcast [5 \times i8]* @ str 4 to i8*
%printf.ret.1 = call i32 (i8*, ...) @printf(i8* %c str to ptr.1, i1
... %p.3.male)
%p.4 = load %Person.0*, %Person.0** %p, align 8
%idk.ret = call i32 @idk(%Person.0* %p.4)
ret i32 %idk.ret
```