```
entry:
 %theta1.addr = alloca float, align 4
 %theta2.addr = alloca float, align 4
 %x.addr = alloca float*, align 8
 %y.addr = alloca float*, align 8
 store float %theta1, float* %theta1.addr, align 4
 store float %theta2, float* %theta2.addr, align 4
 store float* %x, float** %x.addr, align 8
 store float* %y, float** %y.addr, align 8
 %0 = load float* %theta1.addr, align 4
 %conv = fpext float %0 to double
 %call = call double @cos(double %conv) #2
 %mul = fmul double 5.000000e-01, %call
 %1 = load float* %theta1.addr, align 4
 %2 = load float* %theta2.addr, align 4
 %add = fadd float %1, %2
 %conv1 = fpext float %add to double
 %call2 = call double @cos(double %conv1) #2
 %mul3 = fmul double 5.000000e-01, %call2
 %add4 = fadd double %mul, %mul3
 %conv5 = fptrunc double %add4 to float
 %3 = load float** %x.addr, align 8
 store float %conv5, float* %3, align 4
 %4 = load float* %theta1.addr, align 4
 %conv6 = fpext float %4 to double
 %call7 = call double @sin(double %conv6) #2
 %mul8 = fmul double 5.000000e-01, %call7
 %5 = load float* %theta1.addr, align 4
 %6 = load float* %theta2.addr, align 4
 %add9 = fadd float %5, %6
 %conv10 = fpext float %add9 to double
 %call11 = call double @sin(double %conv10) #2
 %mul12 = fmul double 5.000000e-01, %call11
 %add13 = fadd double %mul8, %mul12
 %conv14 = fptrunc double %add13 to float
 %7 = load float** %y.addr, align 8
 store float %conv14, float* %7, align 4
 ret void
```

CFG for '_Z10forwardk2jffPfS_' function