

```
13 luglo 1027
 prg : dec* exp ;
   dec : type ID '=' exp ';' | type ID '(' fPar ')' '=' exp ';' ;
    fPar : type ID (',' type ID)*;
    exp : NUM | ID | ID '(' exp (', ' exp)* ')' | exp '+' exp | exp '&&' exp ;
M. CIH dec: F' F'H ext [PRG]
         TH dec exp
       \times \& dom(tor(\Gamma)) \Gamma + exp: T' = T'
\Gamma + d: \Gamma' \Gamma' + D: \Gamma''
\Gamma + T \times = exp: \Gamma(x \to T)
\Gamma + d, D: \Gamma''
           \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash T \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash T \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash T \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash T \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma \vdash \Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m \rightarrow T_m] + exp_1:T'}{\Gamma} = \frac{\Gamma[x_1 \rightarrow T_1 \dots x_m}
      88: - bod x bod > bod
                                                                                                                                                                                                                                                                                                                               +:= int × int → int
                                                                                                                                                          T(4): T
                                                                                                                                                                                                                                                                rrexp.: int rrexp.: int
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             rrexpa: bod rrexpa: book
                                                                                                                        T+ 10:T
                                                                                                                                                                                                                                                               r - exp. + exp. : int
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Trexp 8.8. expa: bod
                 Th Num: int
                              Fr f (xy ··· Xm): T
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```
int z = 3;

int f(\text{int } x) = g(x,z) + 1;

int g(\text{int } x), int x = f(x,z);

f(1)+g(2,z)
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\frac{\Gamma(1)+3\cdot \text{rut} \times \mathcal{E} \text{ alom}(\text{top}(\cap))}{\Gamma(1)+\text{rut} \times : \Pi^{1}} \frac{\Gamma(1)+\text{g}(x,2):\text{rut}}{\Gamma(1)+\text{g}(x,2)+4:\text{rut}} \frac{\text{vedom}(\text{top}(\cap))}{\text{fedom}(\text{top}(\cap))} \frac{\text{rut}}{\text{rut}} \frac{\text{rut}}{\Gamma(1)+\text{rut}} \frac
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